FIG. 1

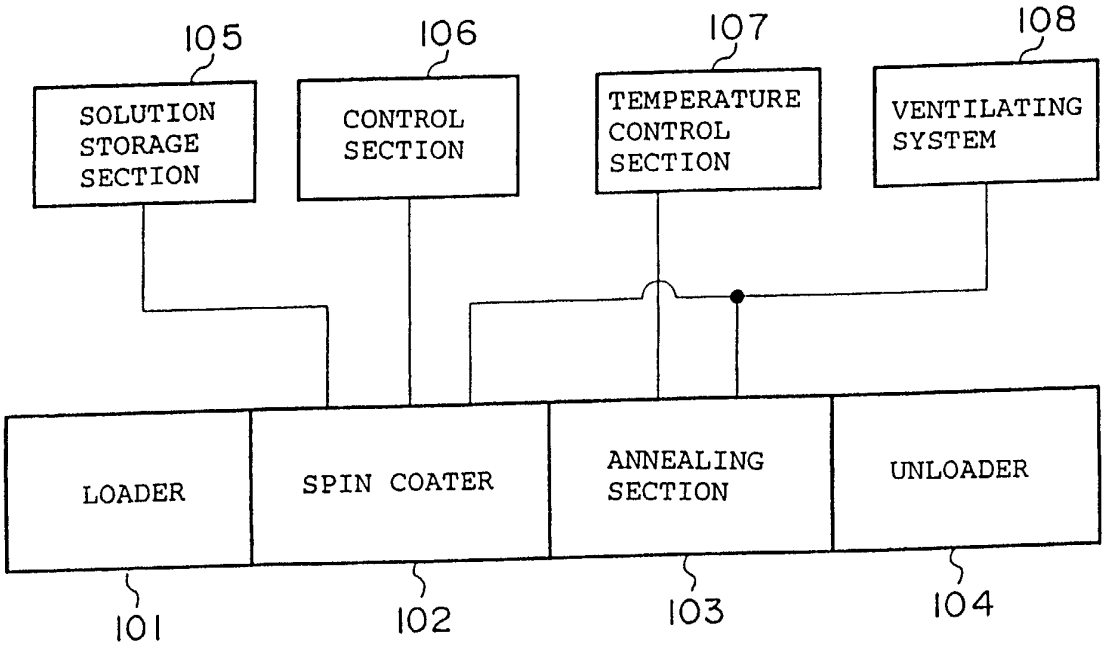

105
106
107
108
SOLUTION STORAGE SECTION
CONTROL SECTION
TEMPERATURE CONTROL SECTION
VENTILATING SYSTEM
LOADER
SPIN COATER
ANNEALING SECTION
UNLOADER
101
102
103
104

FIG. 2

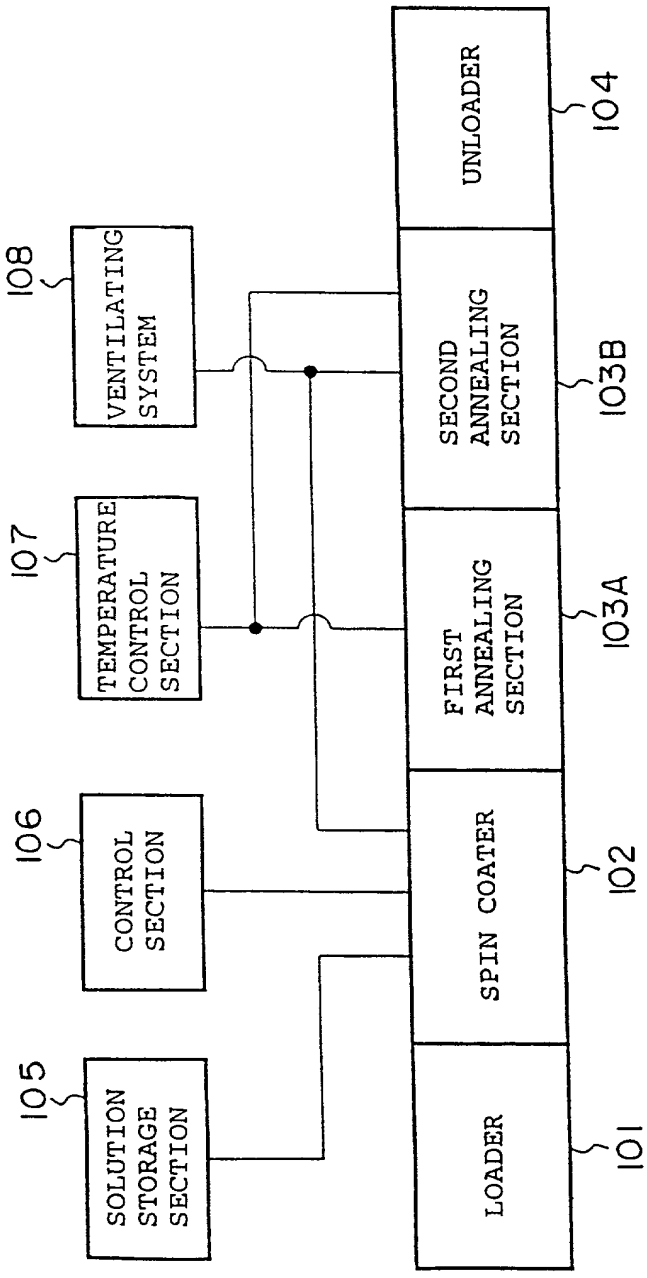
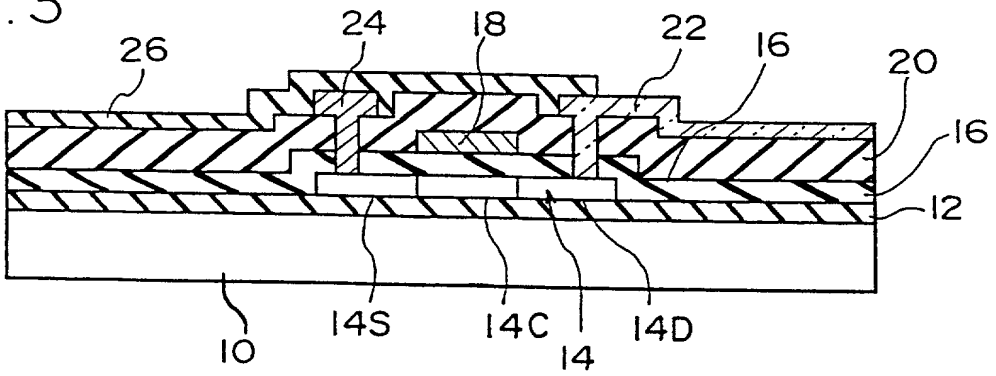
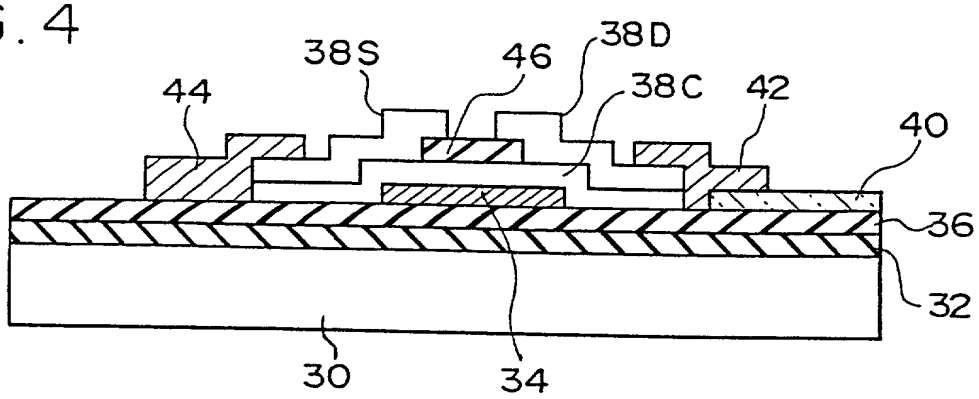

LOADER
101
SPIN COATER
102
FIRST ANNEALING SECTION
103A
SECOND ANNEALING SECTION
103B
UNLOADER
104
SOLUTION STORAGE SECTION
105
CONTROL SECTION
106
TEMPERATURE CONTROL SECTION
107
VENTILATING SYSTEM
108

FIG. 3



-- PRIOR ART --

FIG. 4



-- PRIOR ART --

FIG. 5

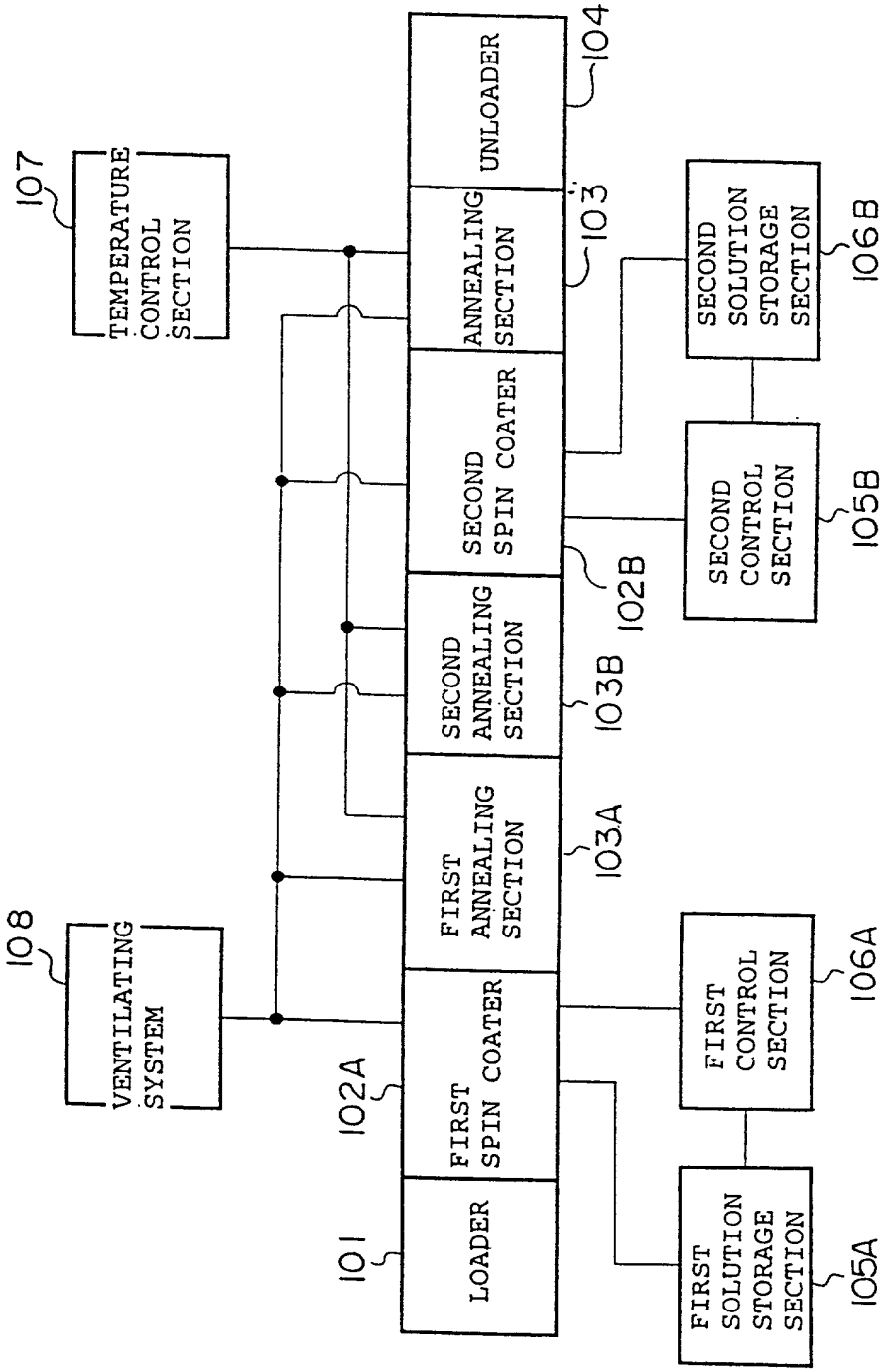

LOADER
101
FIRST SPIN COATER
102A
FIRST ANNEALING SECTION
103A
SECOND ANNEALING SECTION
103B
SECOND SPIN COATER
102B
ANNEALING SECTION
103
UNLOADER
104
VENTILATING SYSTEM
108
TEMPERATURE CONTROL SECTION
107
FIRST SOLUTION STORAGE SECTION
105A
FIRST CONTROL SECTION
106A
SECOND CONTROL SECTION
105B
SECOND SOLUTION STORAGE SECTION
106B

FIG. 6

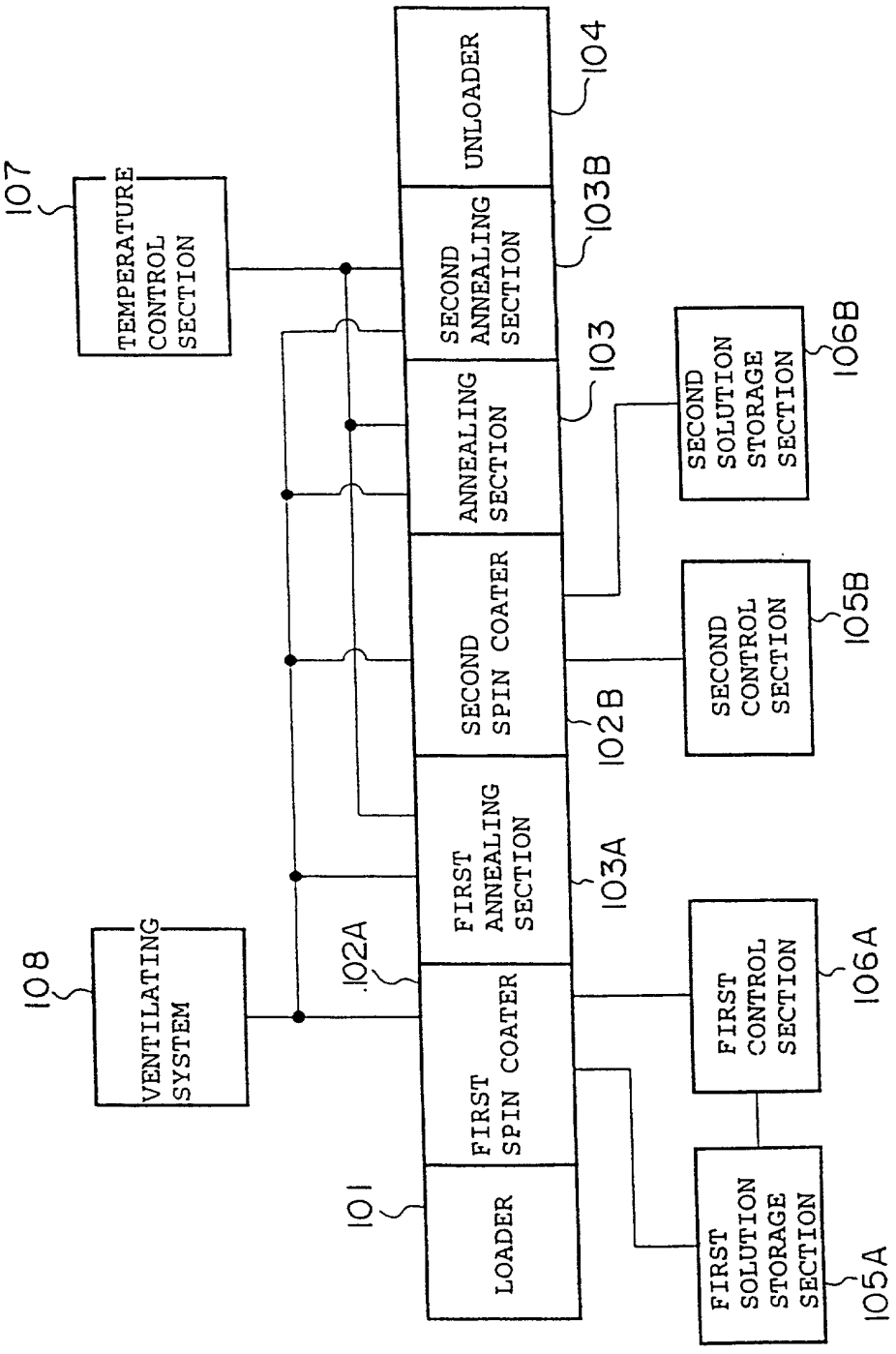


FIG. 7

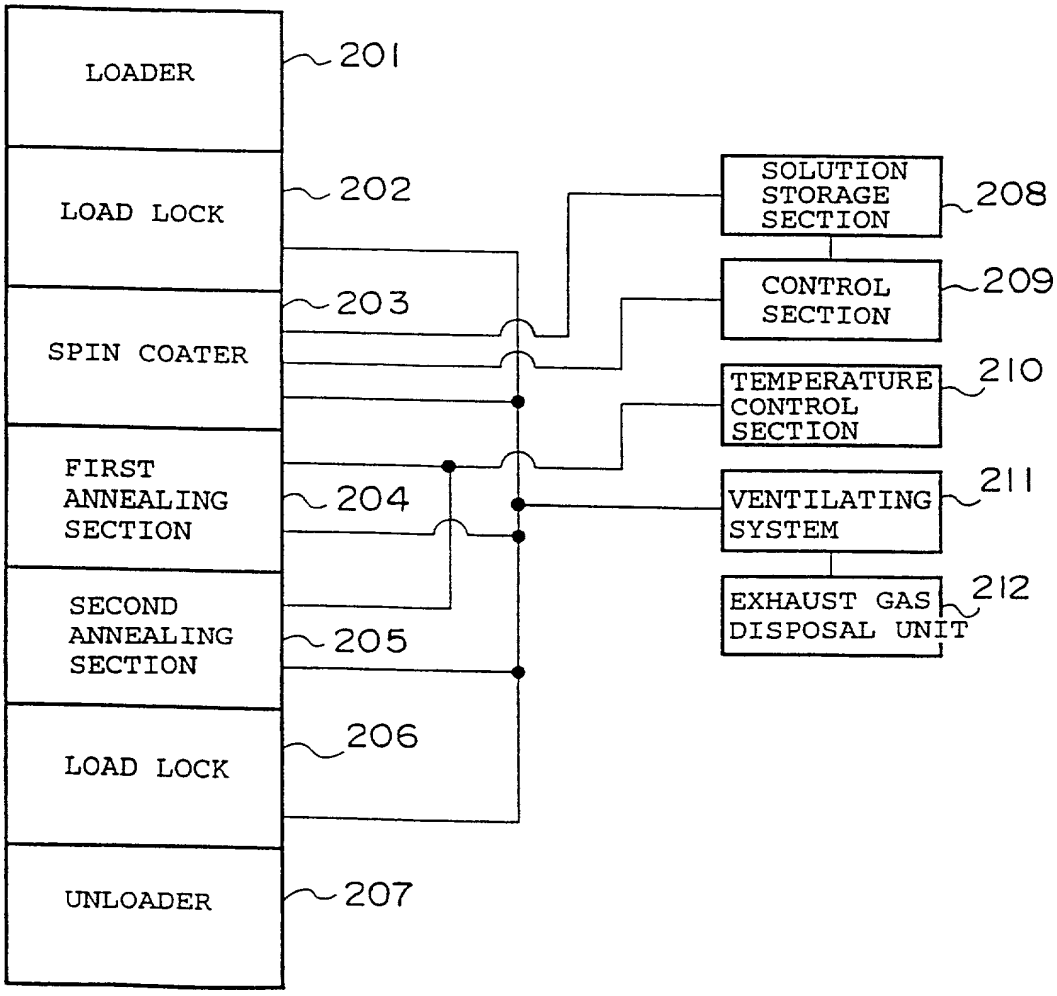

LOADER
201
LOAD LOCK
202
SPIN COATER
203
FIRST ANNEALING SECTION
204
SECOND ANNEALING SECTION
205
LOAD LOCK
206
UNLOADER
207
SOLUTION STORAGE SECTION
208
CONTROL SECTION
209
TEMPERATURE CONTROL SECTION
210
VENTILATING SYSTEM
211
EXHAUST GAS DISPOSAL UNIT
212

FIG. 8

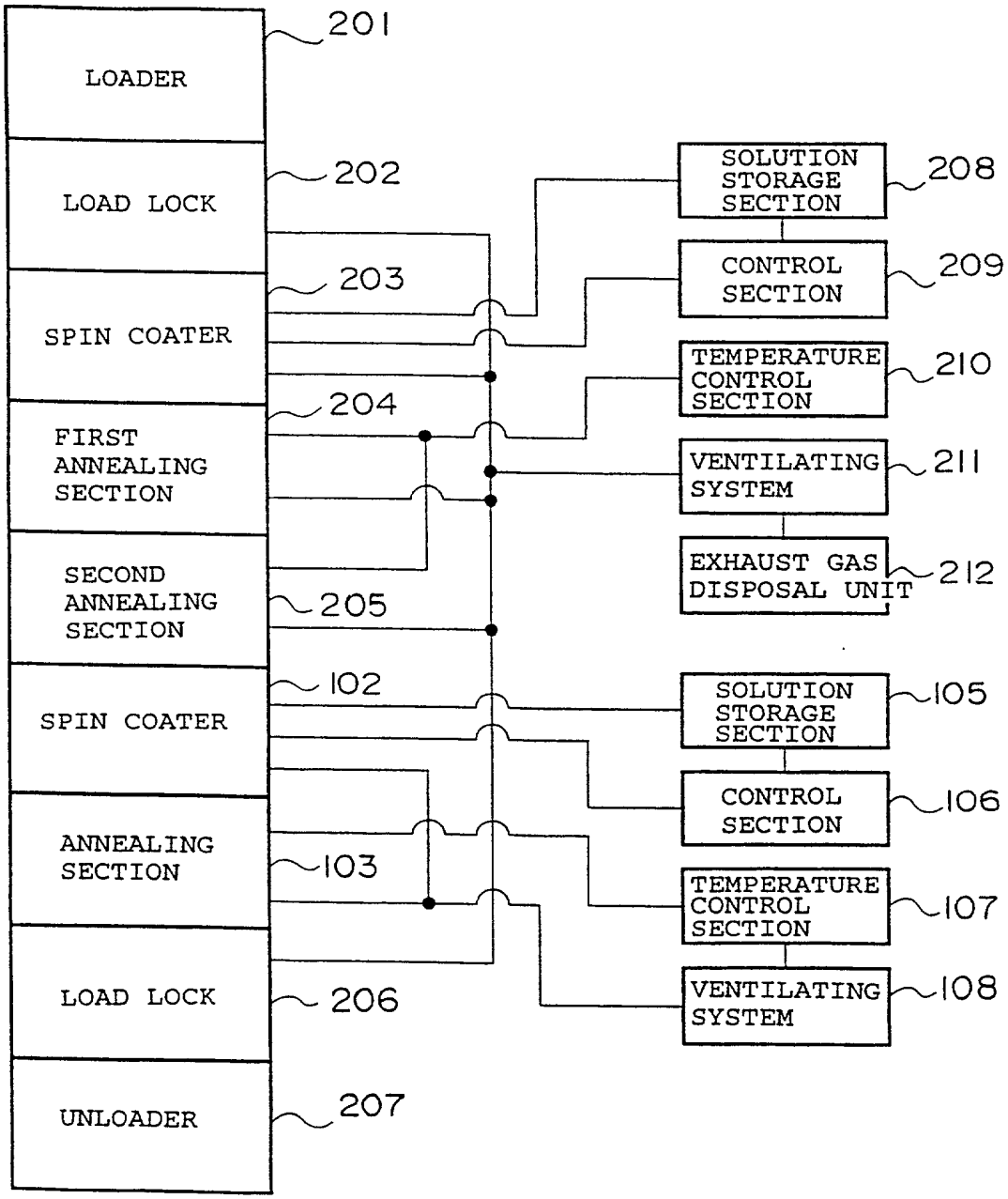

LOADER
201
LOAD LOCK
202
SPIN COATER
203
FIRST ANNEALING SECTION
204
SECOND ANNEALING SECTION
205
SPIN COATER
102
ANNEALING SECTION
103
LOAD LOCK
206
UNLOADER
207
SOLUTION STORAGE SECTION
208
CONTROL SECTION
209
TEMPERATURE CONTROL SECTION
210
VENTILATING SYSTEM
211
EXHAUST GAS DISPOSAL UNIT
212
SOLUTION STORAGE SECTION
105
CONTROL SECTION
106
TEMPERATURE CONTROL SECTION
107
VENTILATING SYSTEM
108

FIG. 9

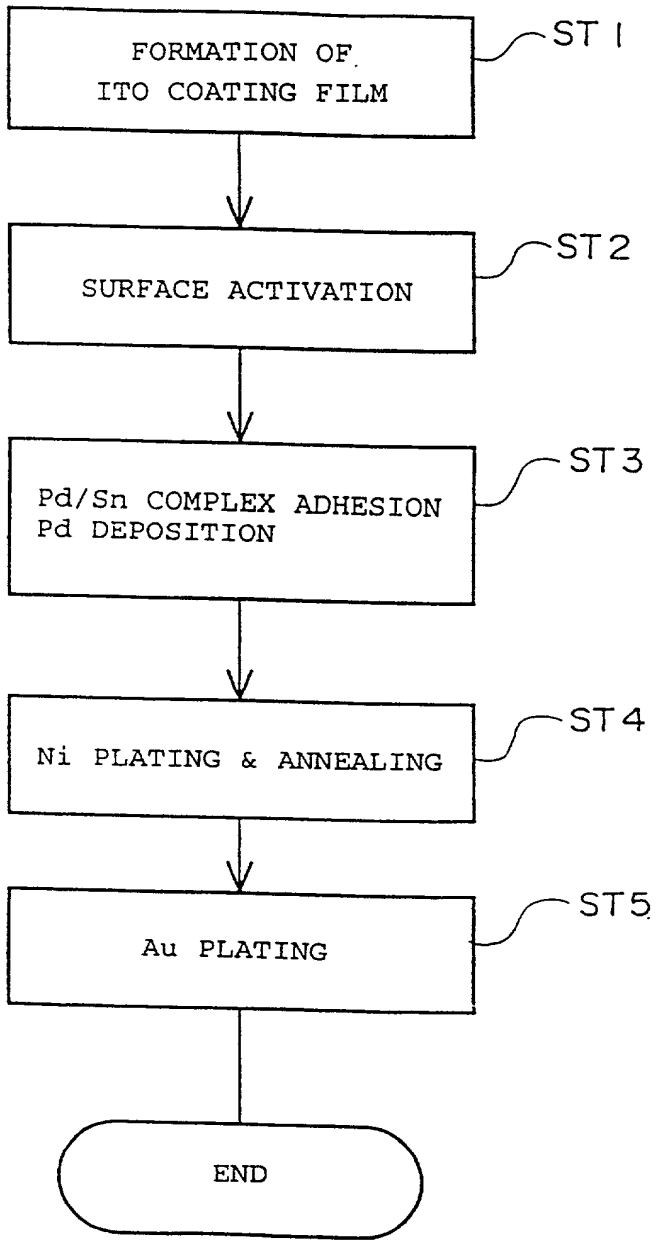

FORMATION OF ITO COATING FILM
ST1
SURFACE ACTIVATION
ST2
Pd/Sn COMPLEX ADHESION
Pd DEPOSITION
ST3
Ni PLATING & ANNEALING
ST4
Au PLATING
ST5
END

FIG. 10

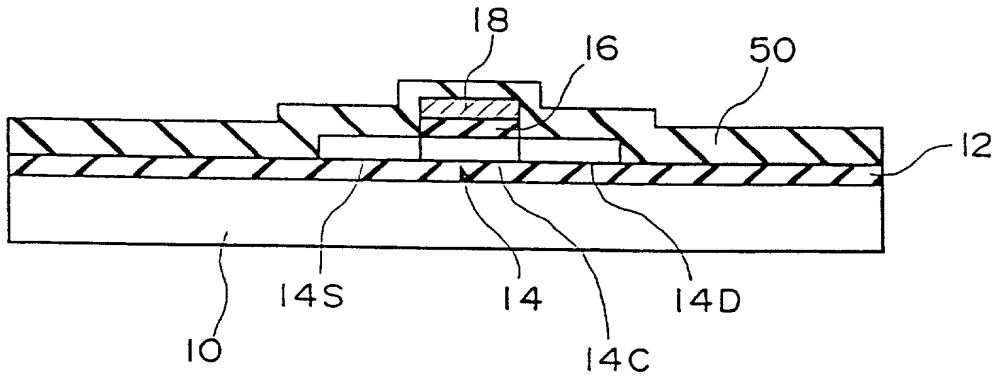


FIG.11

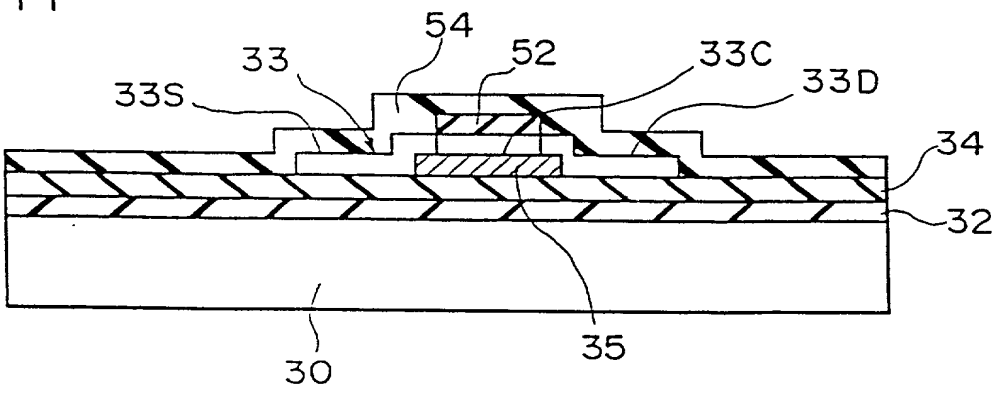


FIG.12

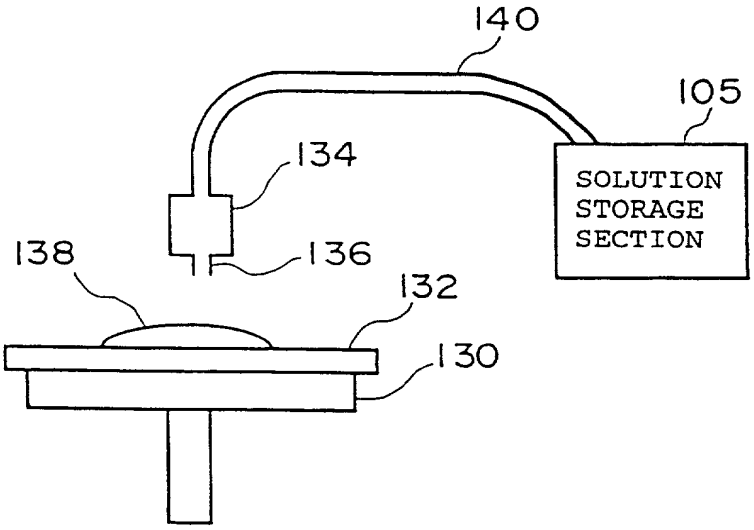


FIG.13

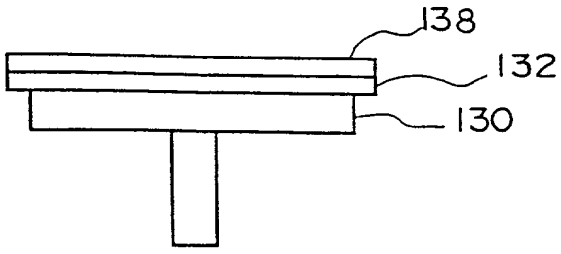


FIG. 14

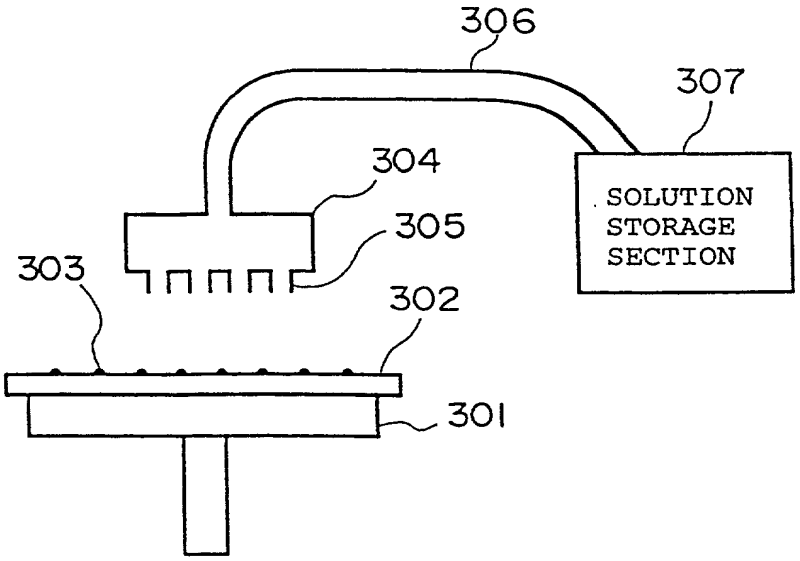


FIG. 15

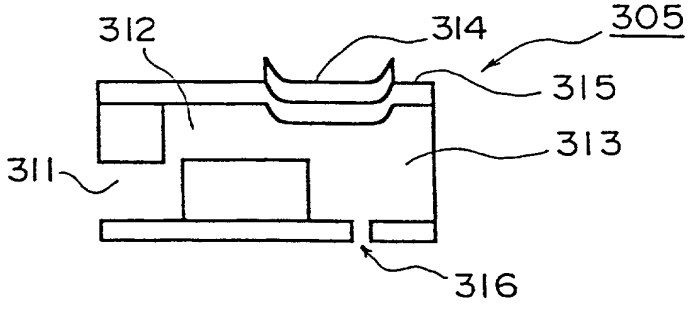


FIG. 16

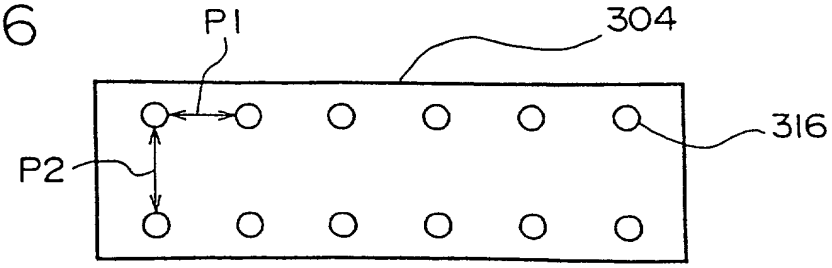


FIG. 17

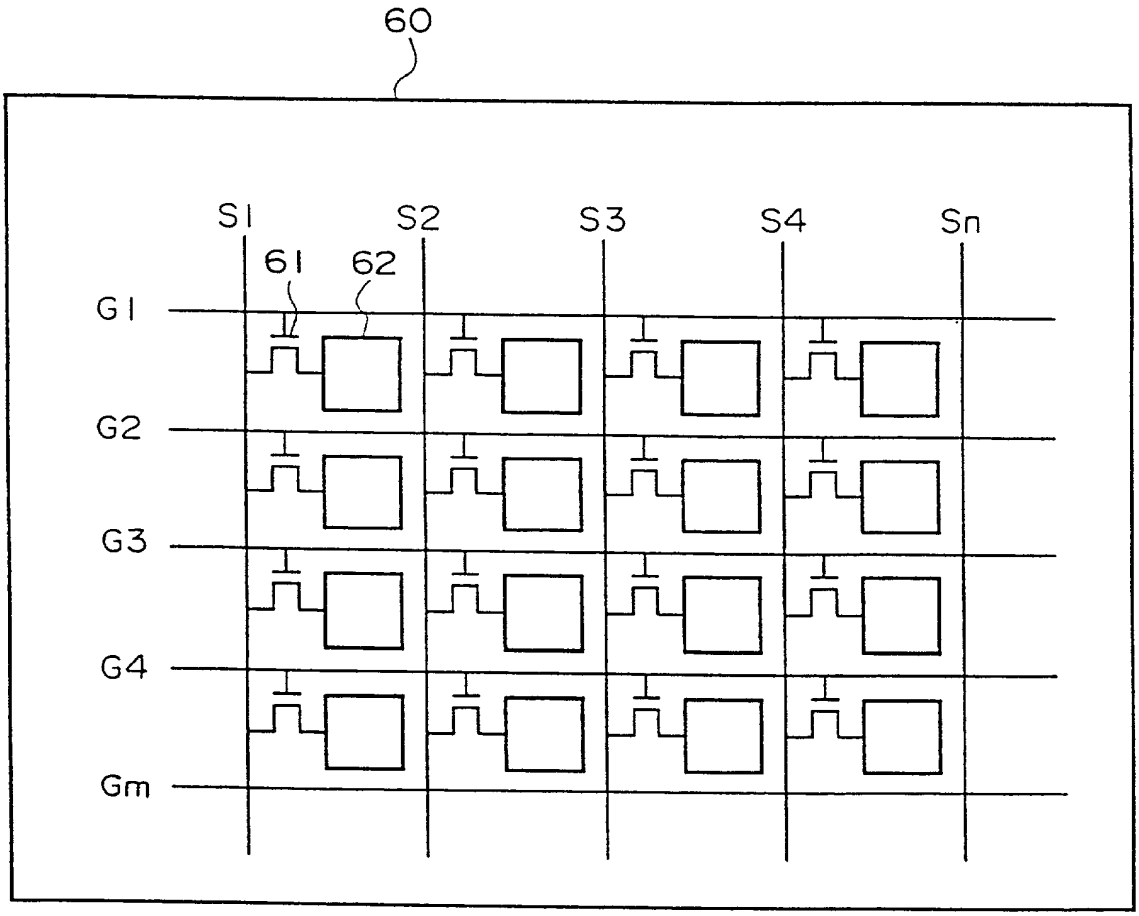
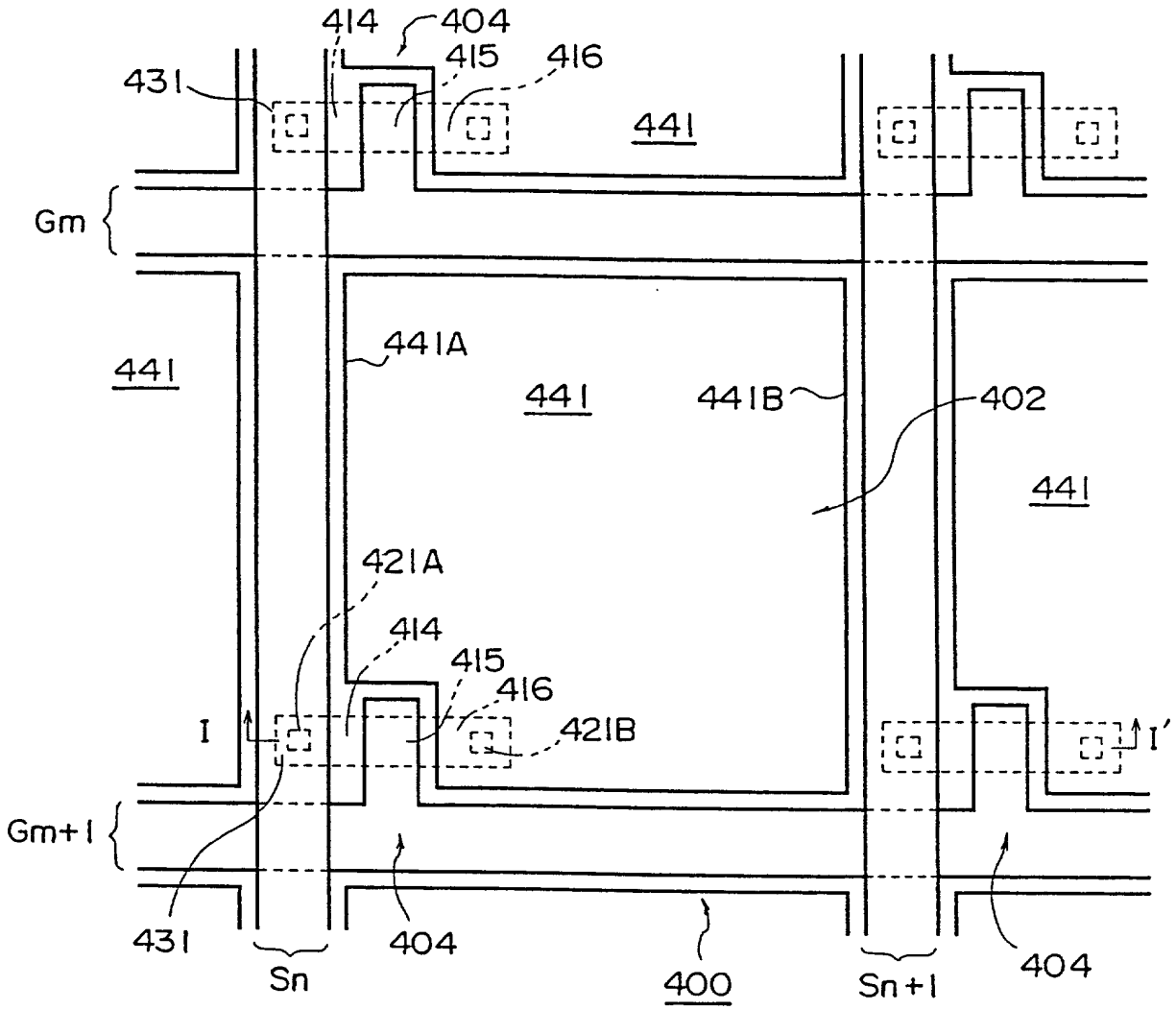


FIG. 18


414
404
415
416
431
441
Gm
441
441A
441
441B
402
441
421A
414
415
416
I
421B
I'
Gm+1
431
404
404
Sn
400
Sn+1

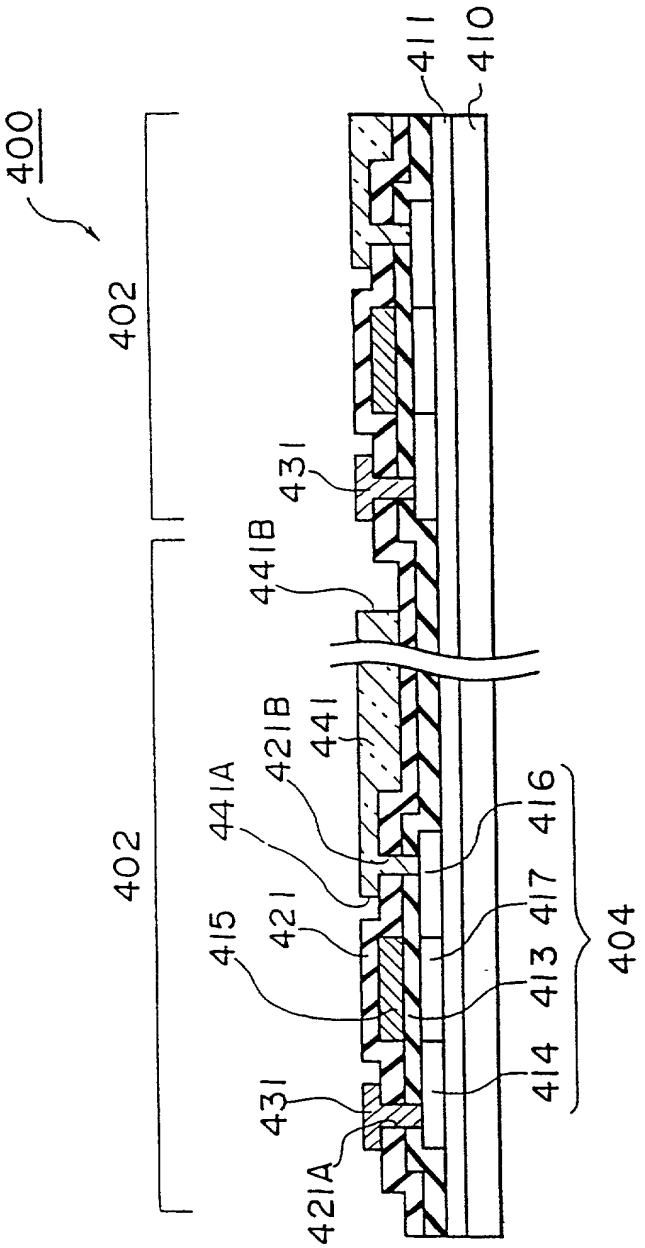

400
402
402
411
410
431
441B
441
421B
441A
421
415
431
421A
416
417
413
414
404

FIG. 19

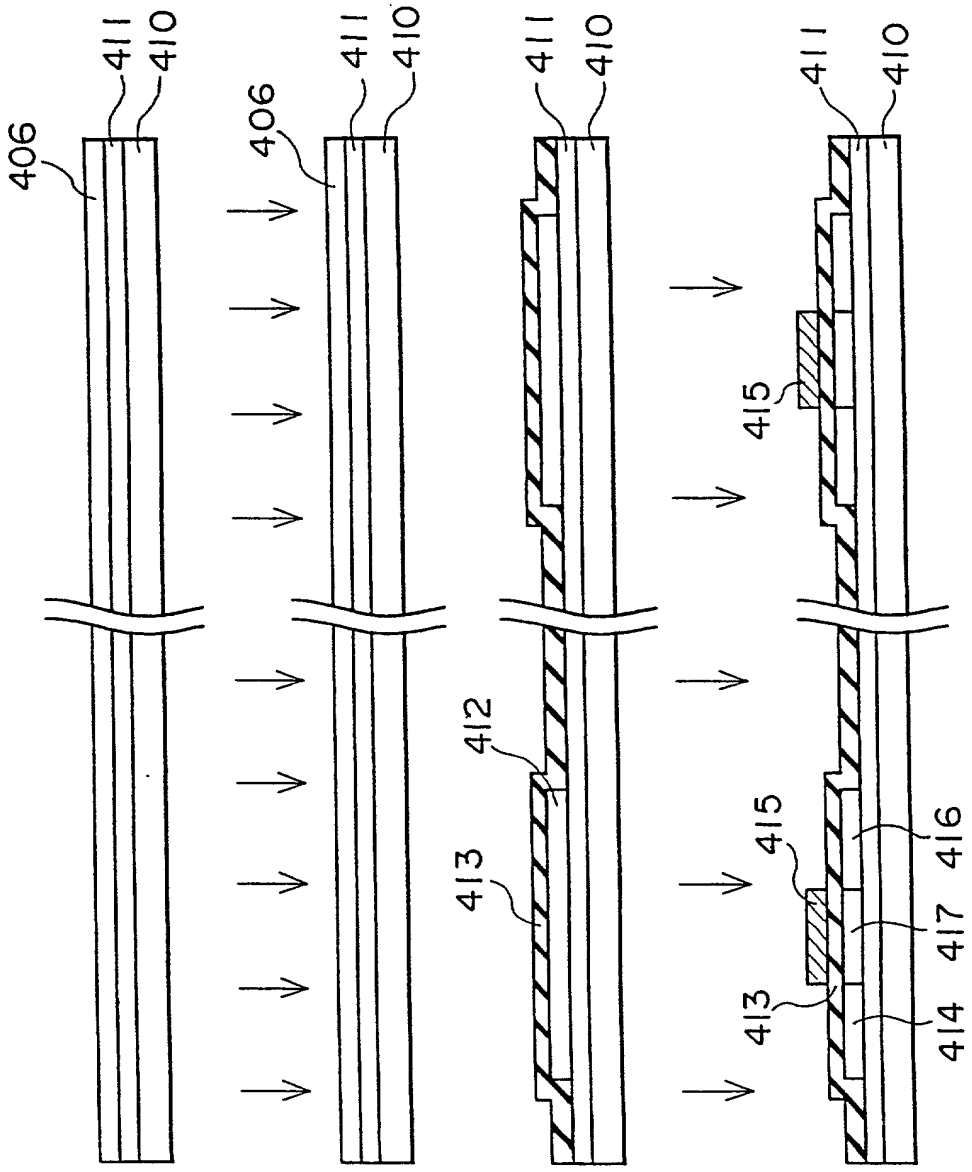


FIG. 20(A)

FIG. 20(B)

FIG. 20(C)

FIG. 20(D)

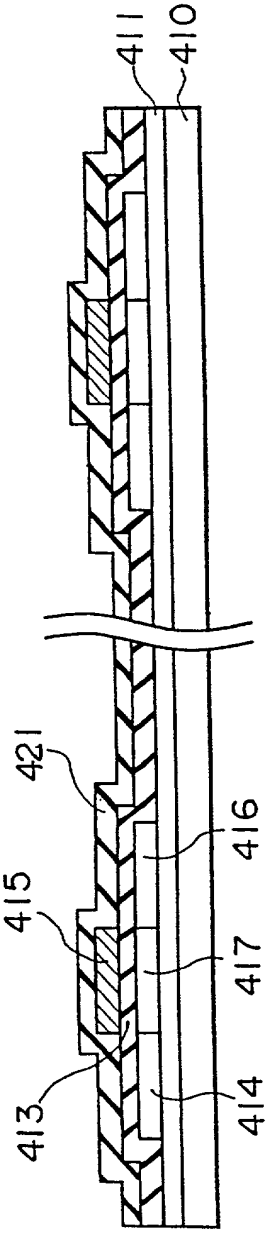


FIG.21(A)

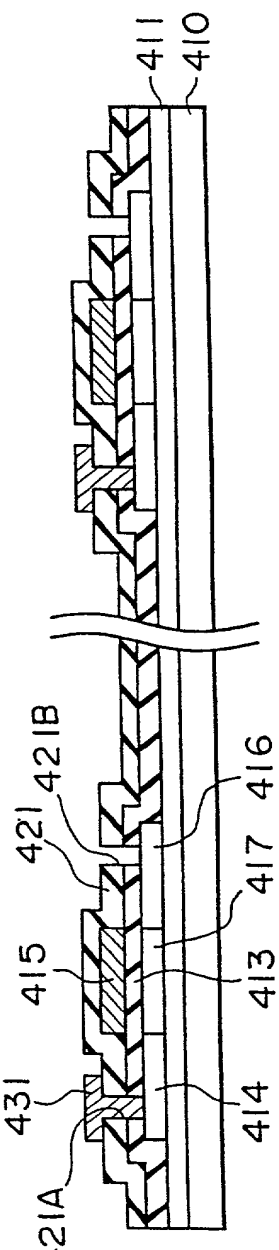


FIG.21(B)

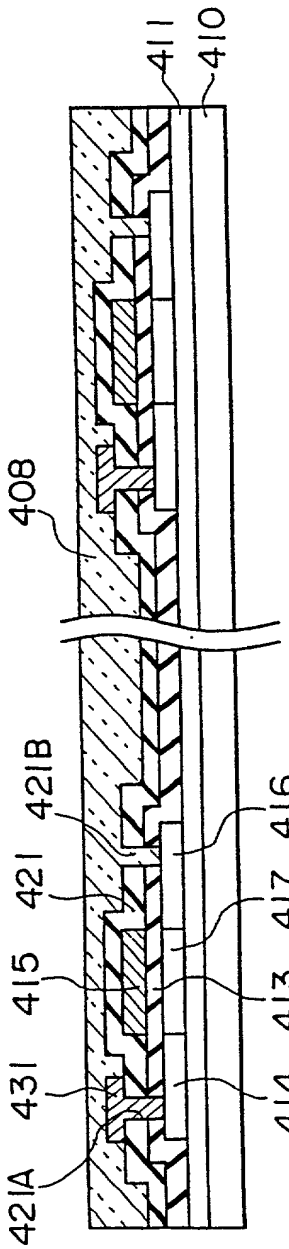


FIG.21(C)

FIG. 22

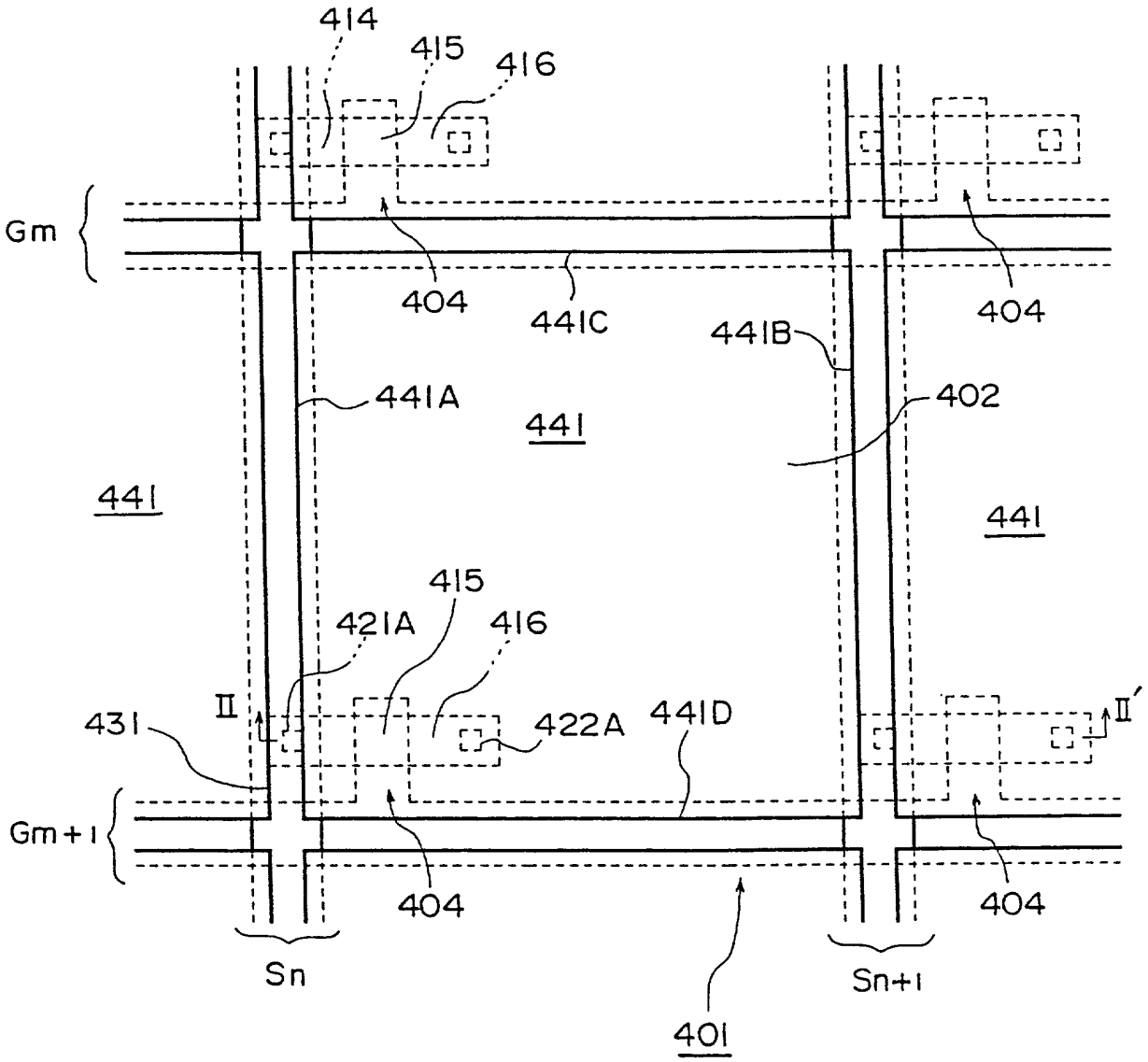
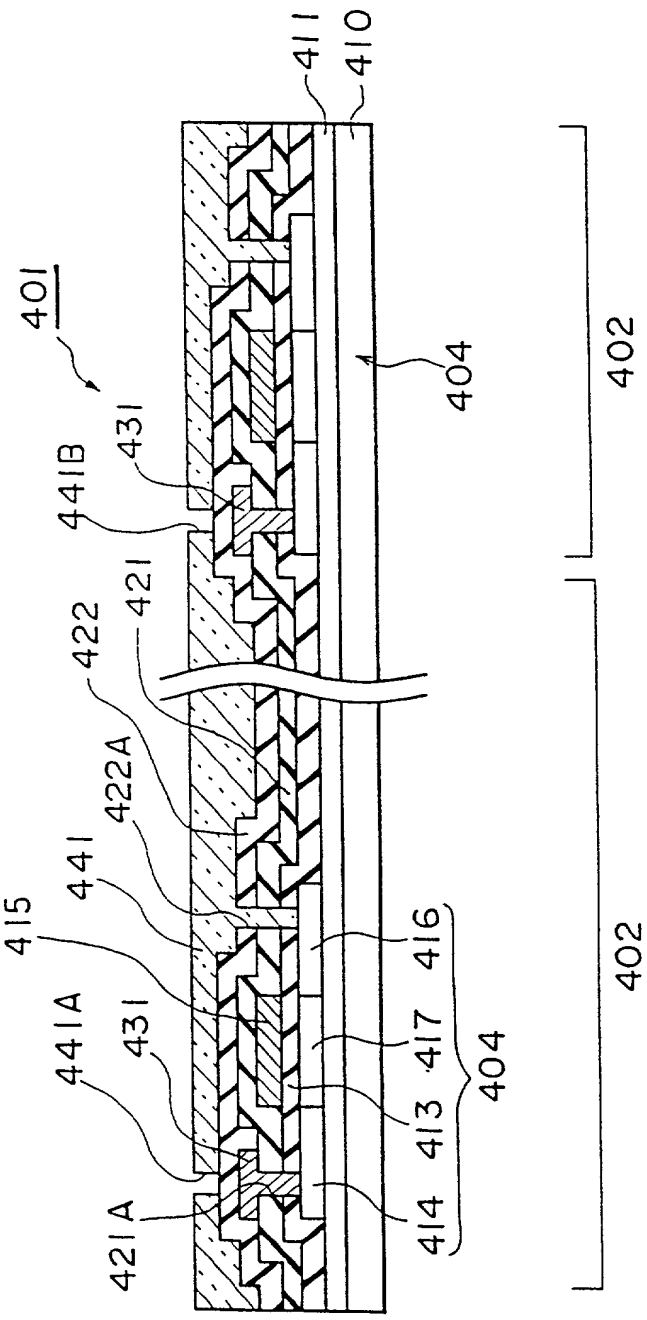

414
415
416
Gm
404
441C
441B
404
441A
441
402
441
441
415
421A
416
II
431
422A
441D
II'
Gm+1
404
404
Sn
Sn+1
401

FIG. 23



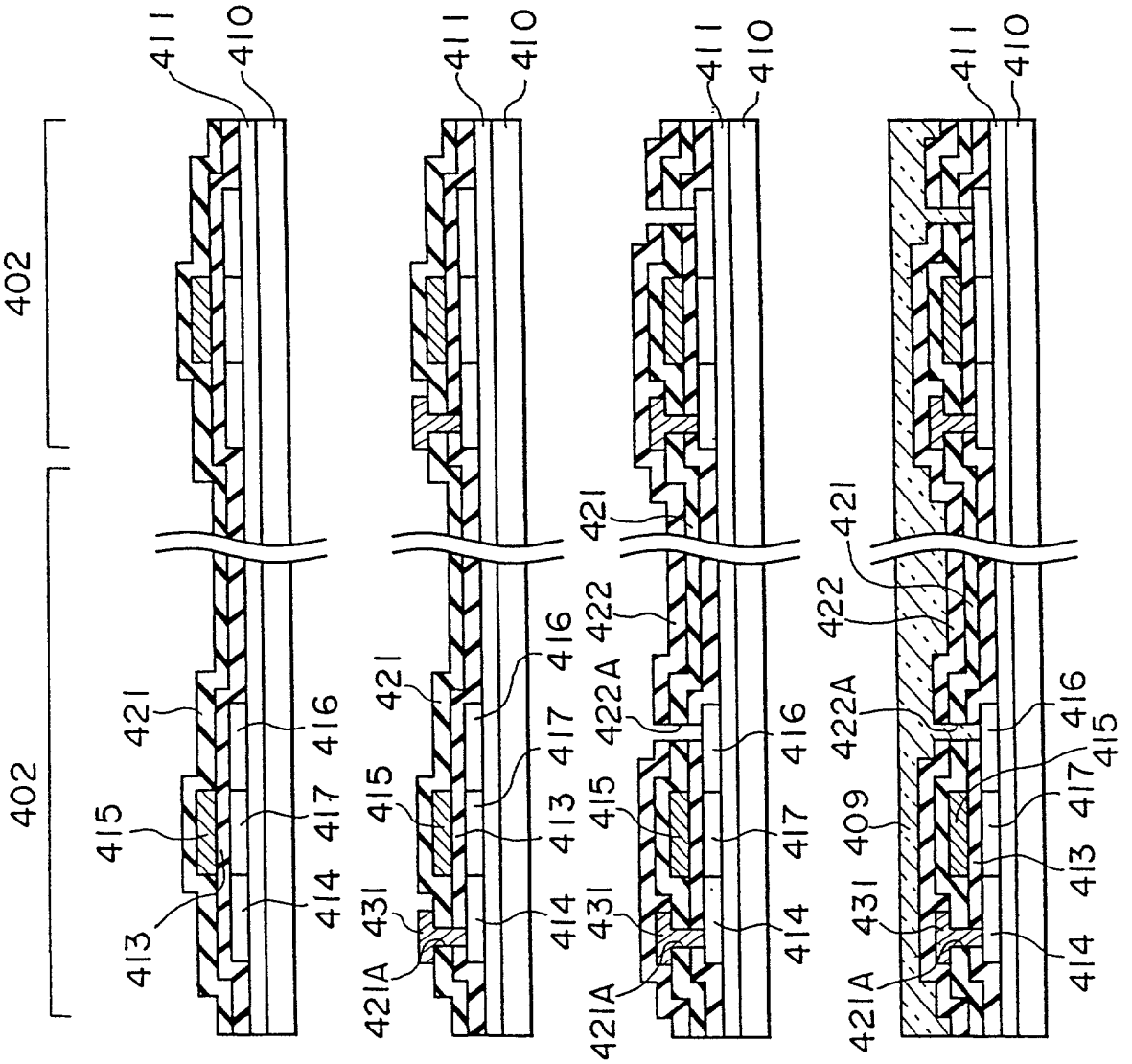


FIG.24(A)

FIG.24(B)

FIG.24(C)

FIG.24(D)

FIG.25(A)

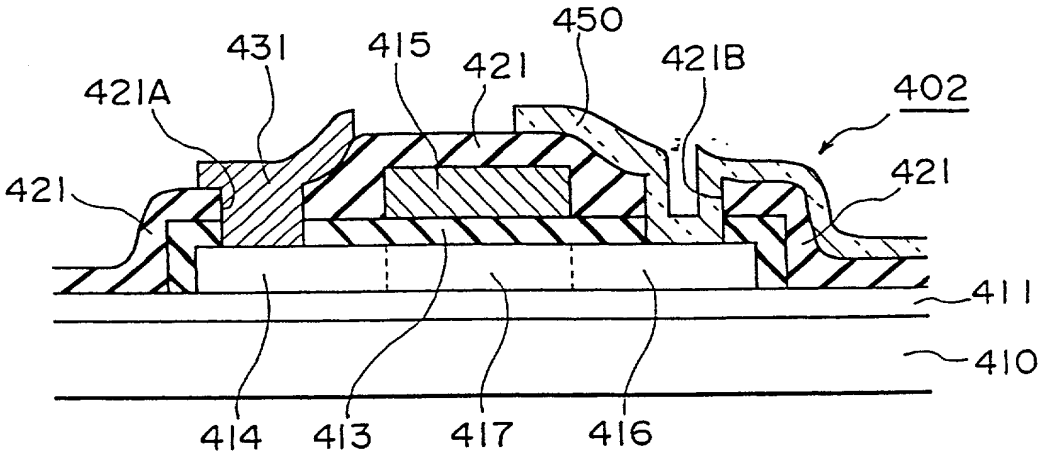


FIG.25(B)

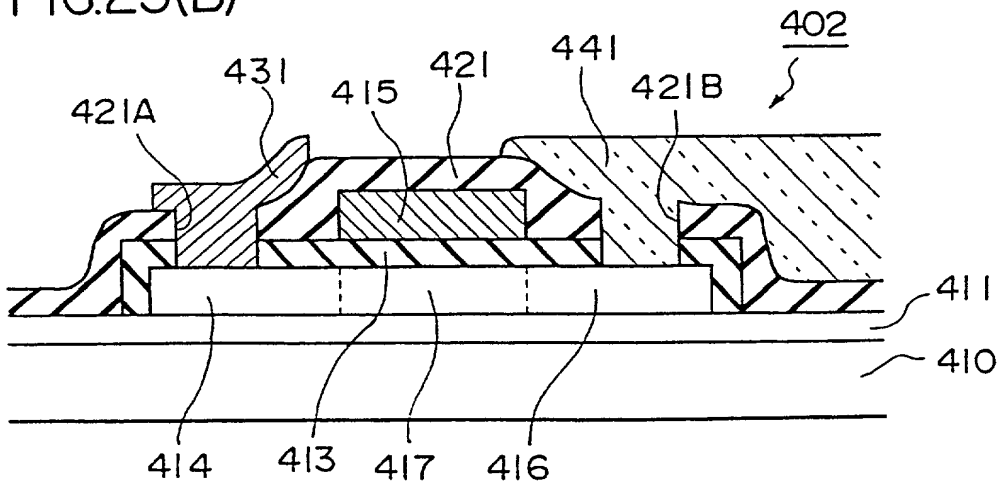


FIG. 26

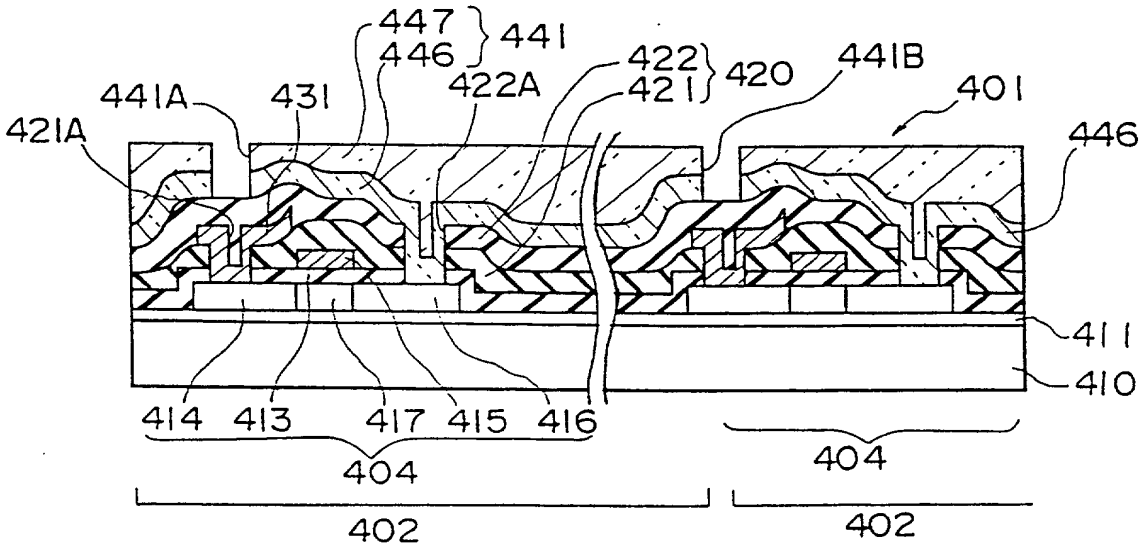

447
446
441
422
421
420
441B
401
441A
431
422A
421A
446
411
410
414
413
417
415
416
404
404
402
402

FIG.27(A)

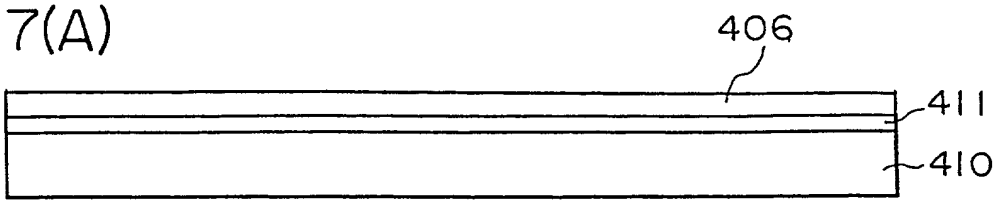


FIG.27(B)

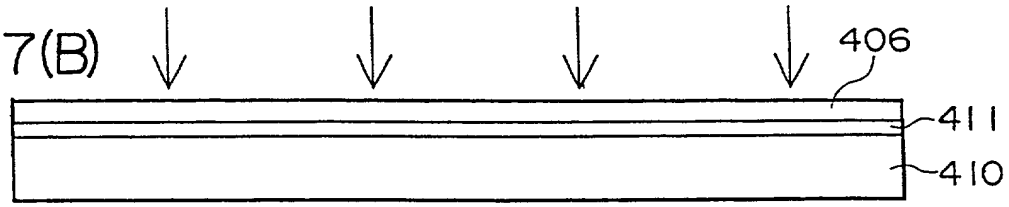


FIG.27(C)

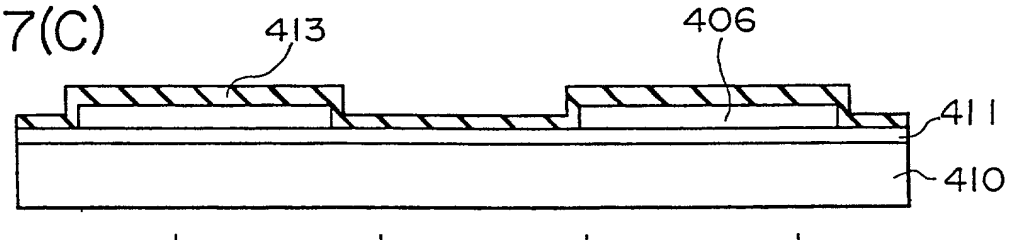


FIG.27(D)

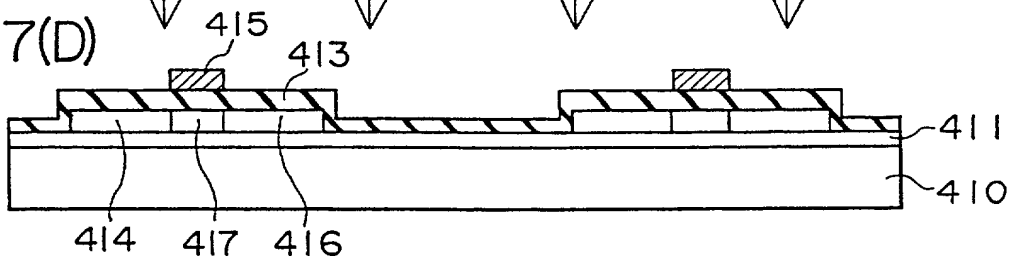
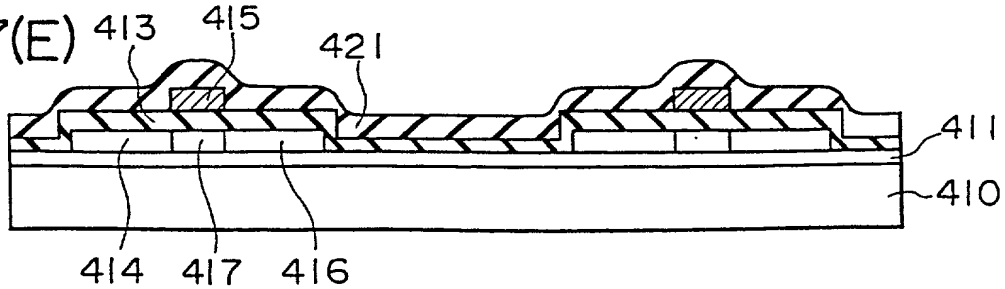


FIG.27(E)



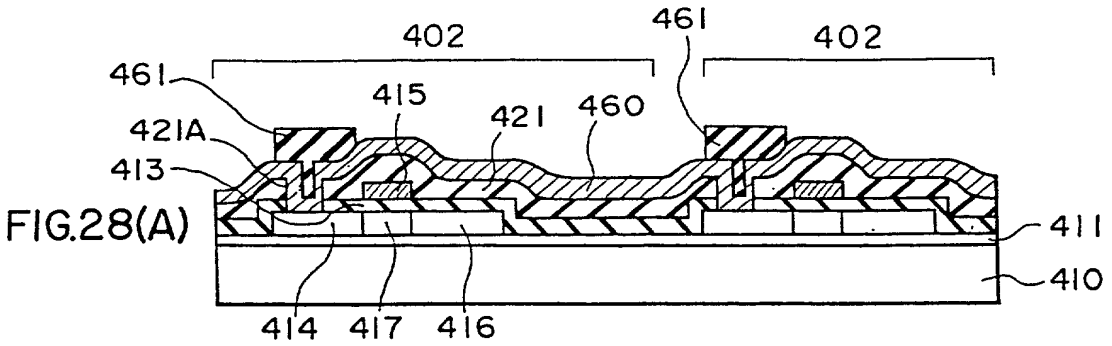


FIG.28(A)

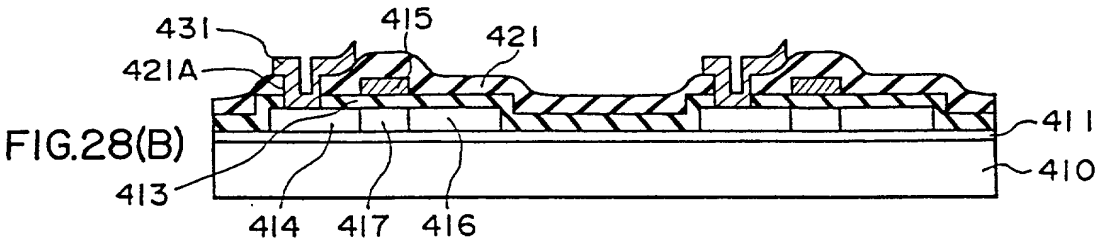


FIG.28(B)

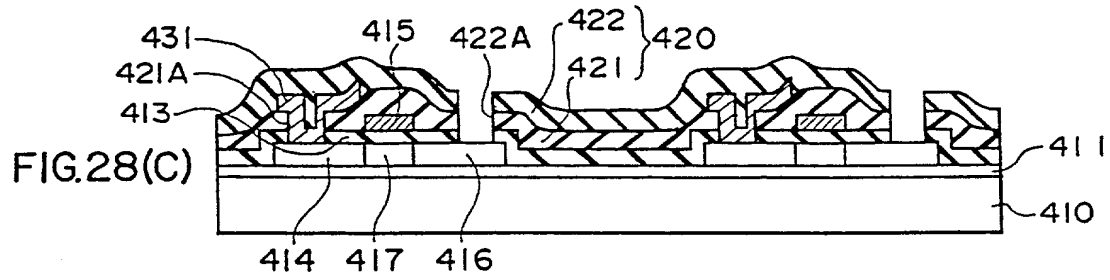


FIG.28(C)

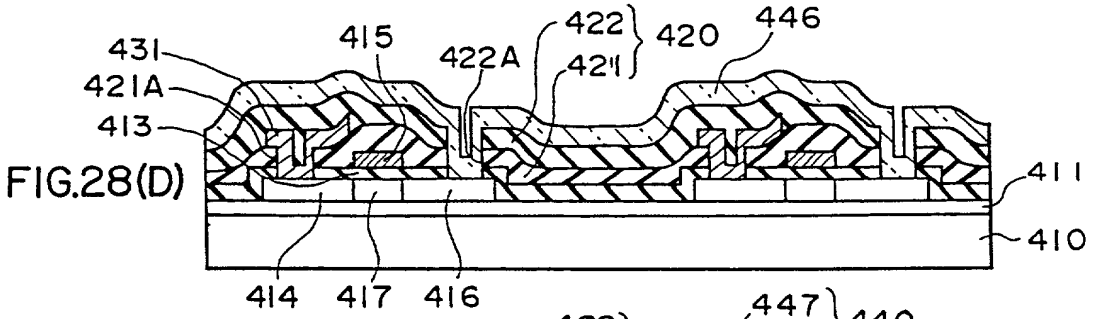


FIG.28(D)

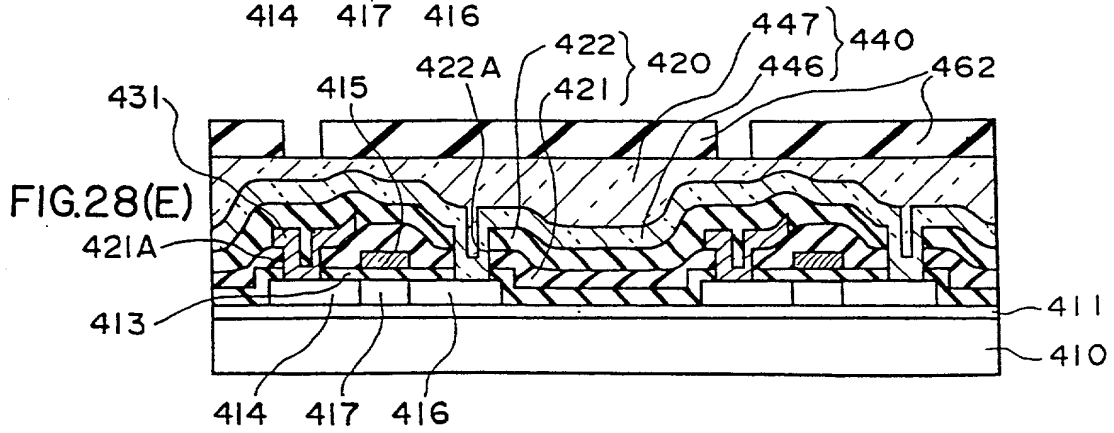


FIG.28(E)

FIG. 29

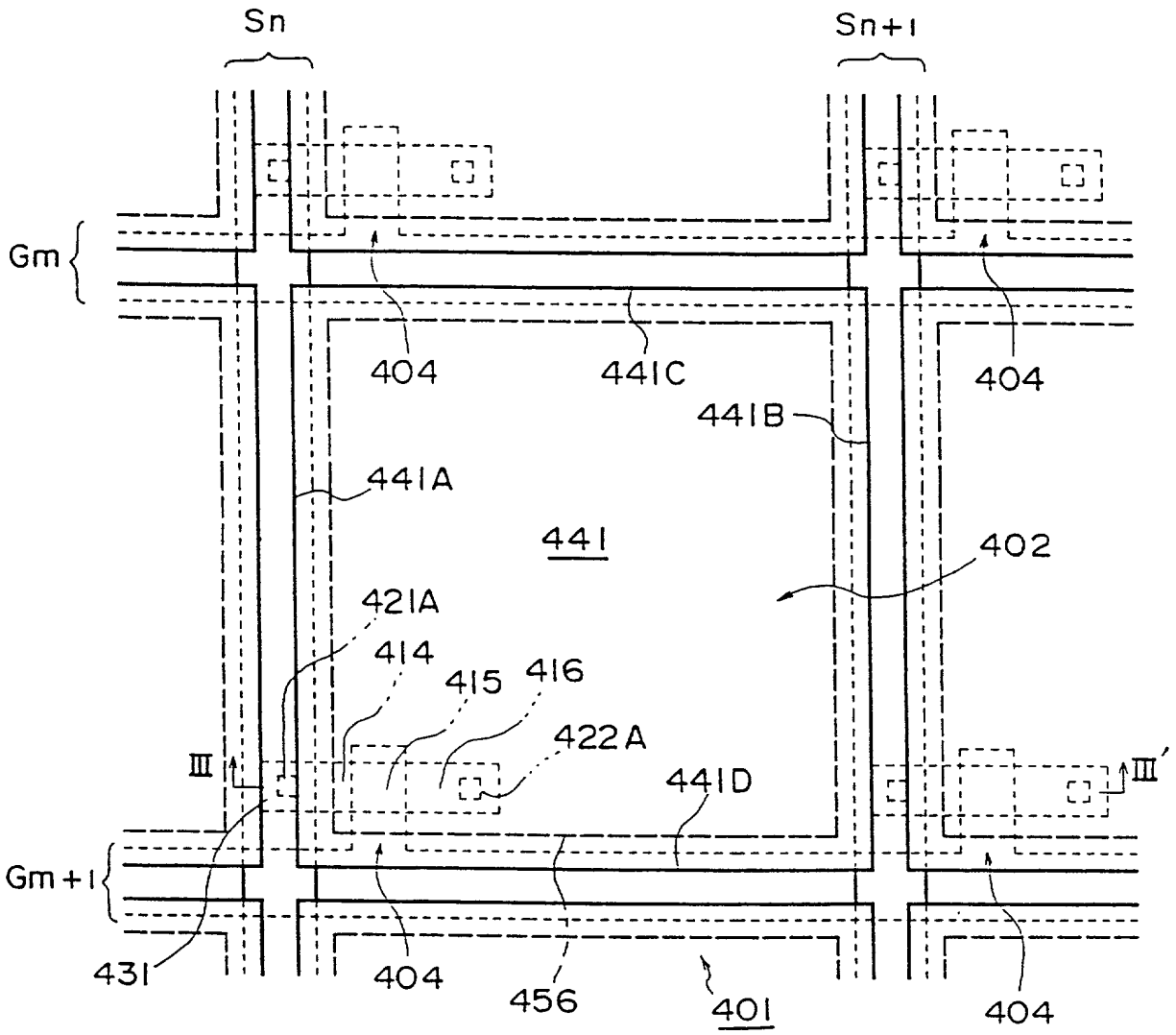

Sn
Sn+1
Gm
Gm+1
404
441C
441B
441A
441
402
421A
414
415
416
422A
441D
III
III'
431
456
401

FIG. 30

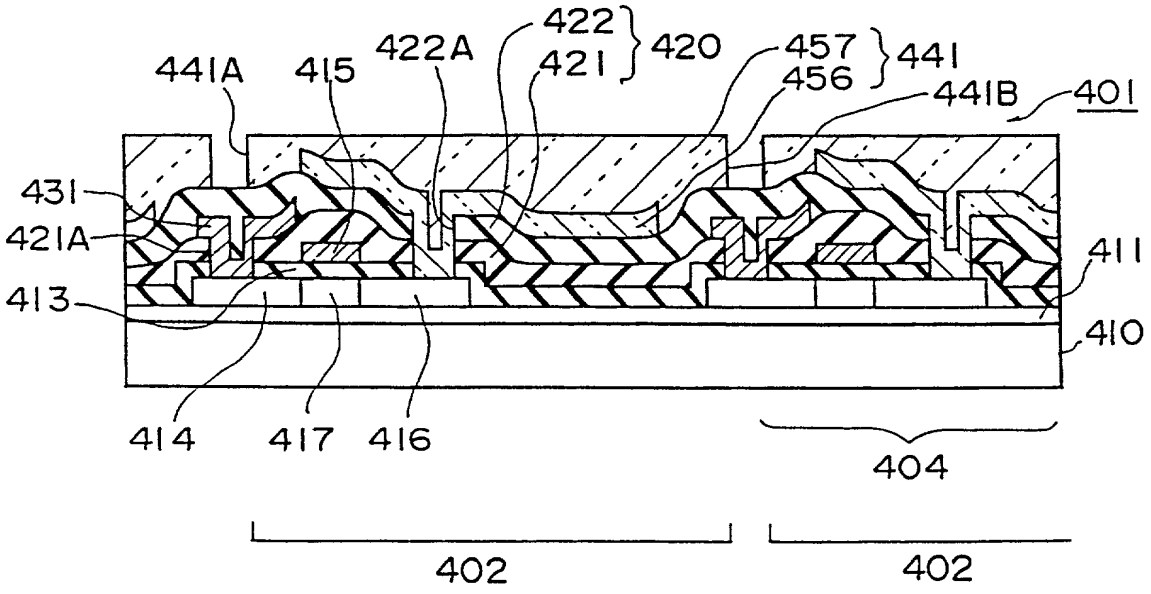

422
421
420
457
456
441
441A
415
422A
441B
401
431
421A
411
413
410
414
417
416
404
402
402

FIG.31(A)

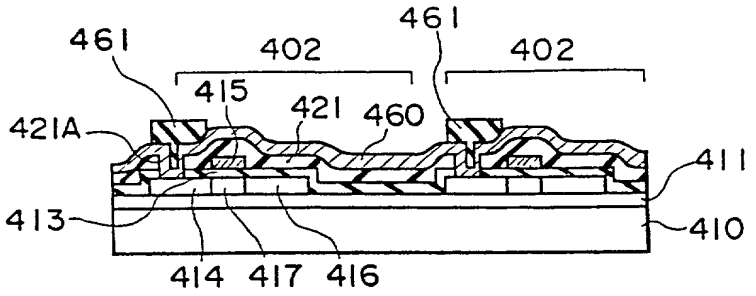


FIG.31(B)

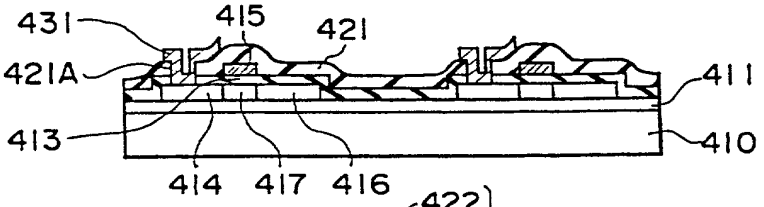


FIG.31(C)

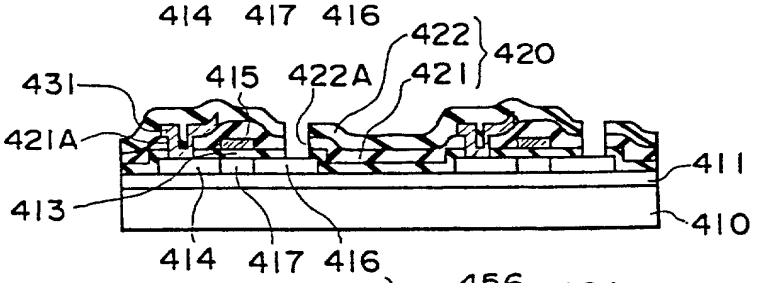


FIG.31(D)

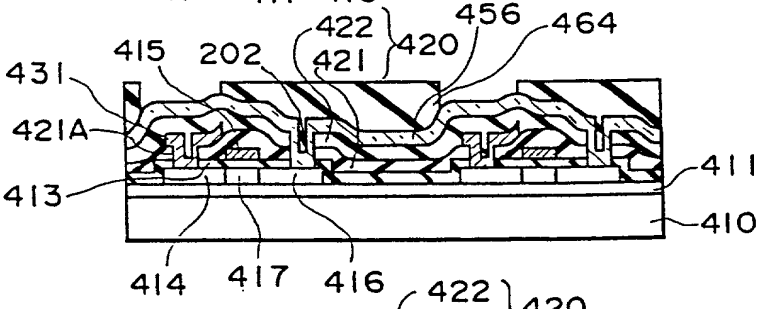


FIG.31(E)

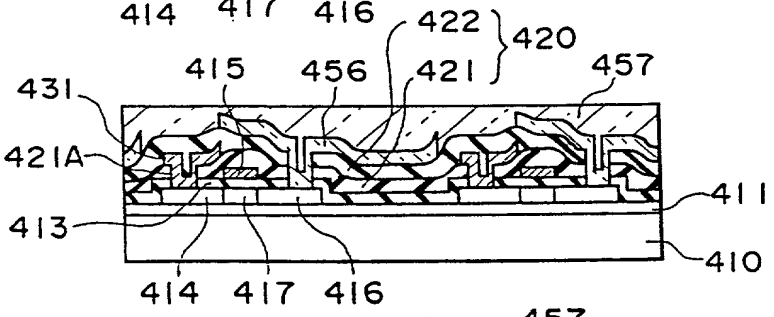


FIG.31(F)

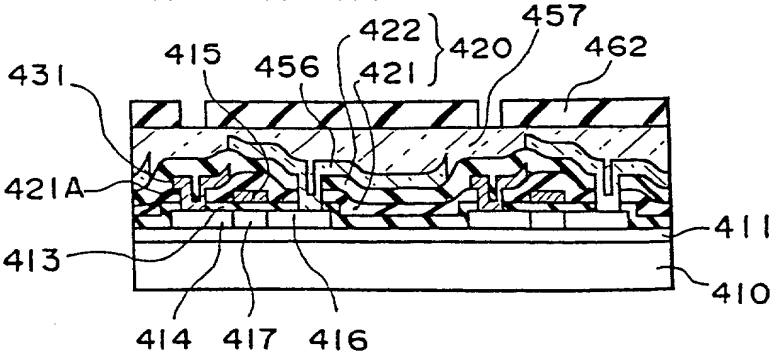


FIG. 32

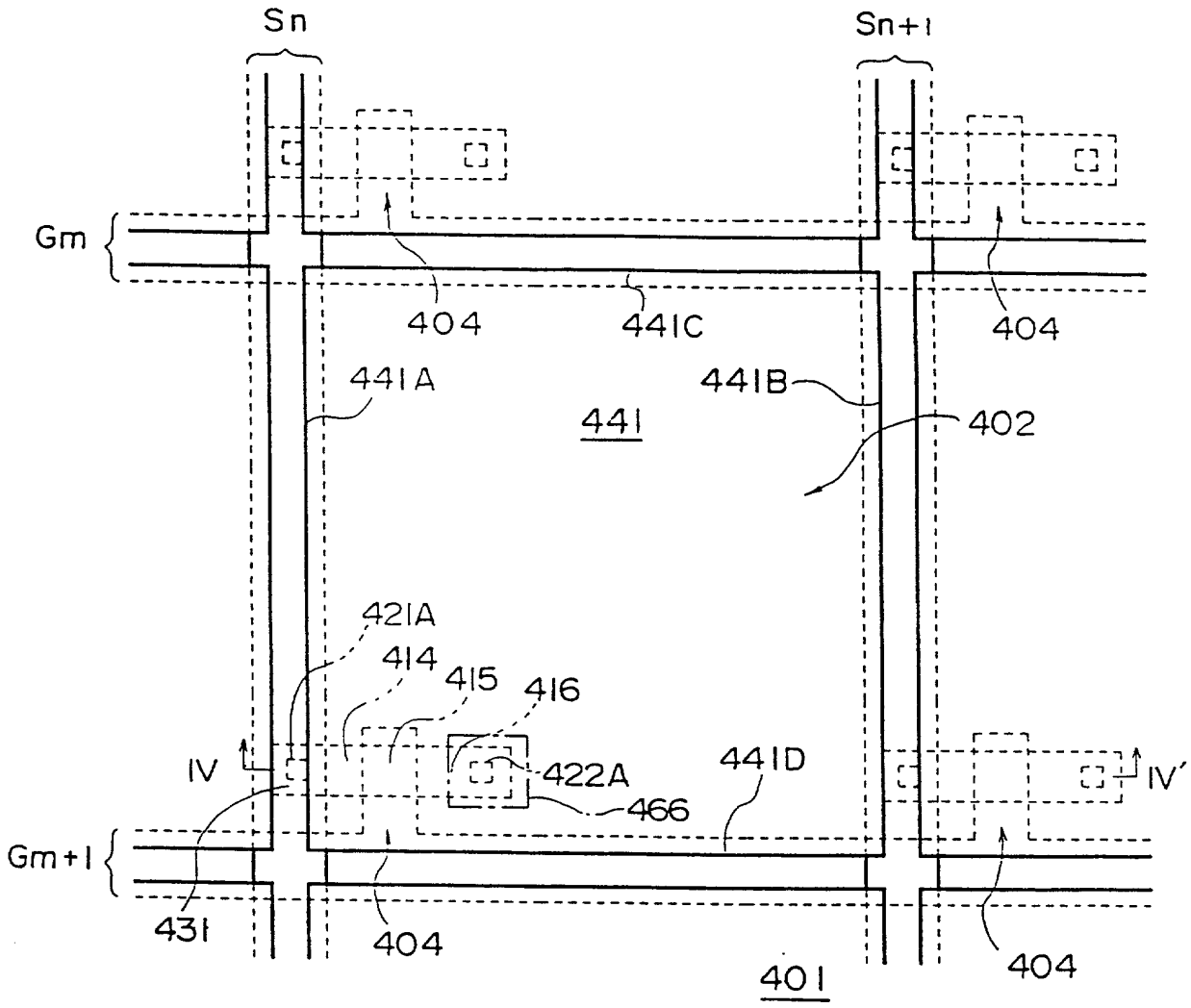

Sn
Sn+1
Gm
Gm+1
404
441C
441A
441B
441
402
421A
414
415
416
IV
422A
466
441D
IV'
431
401

FIG. 33

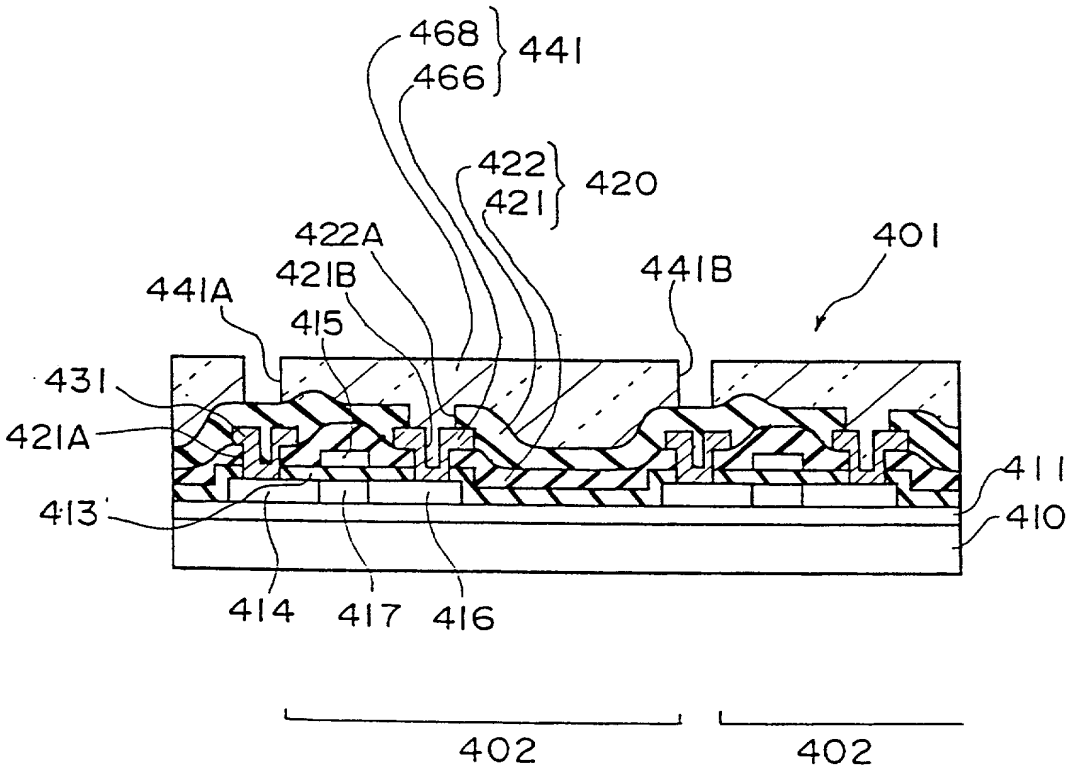

468
466
441
422
421
420
422A
421B
441A
415
441B
401
431
421A
411
413
410
414
417
416
402
402

FIG.34(A)

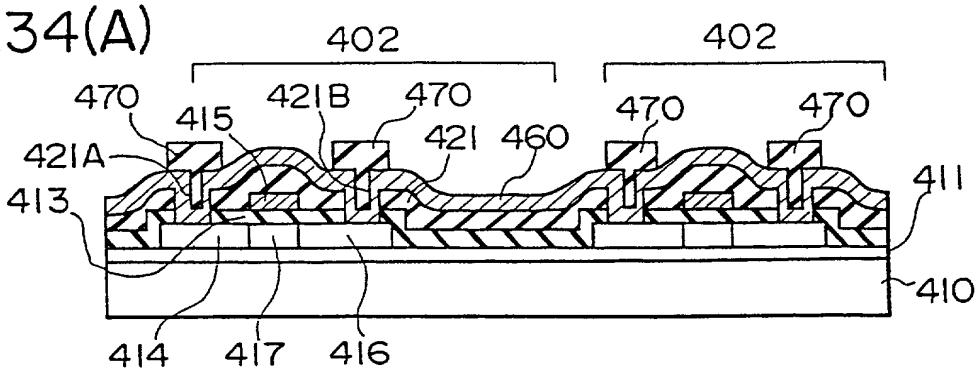


FIG.34(B)

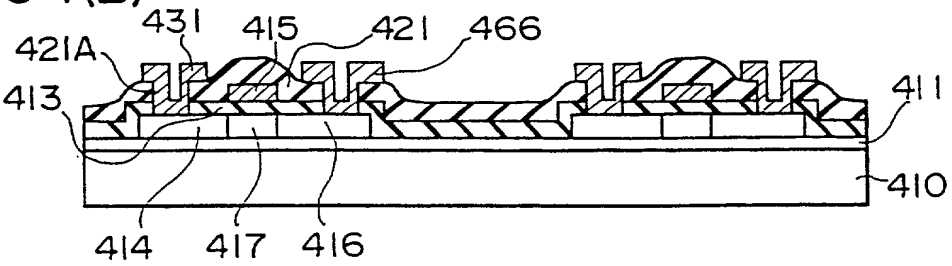


FIG.34(C)

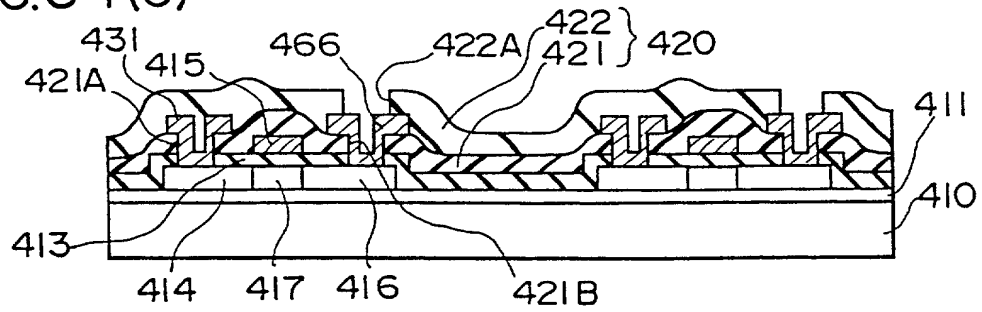


FIG.34(D)

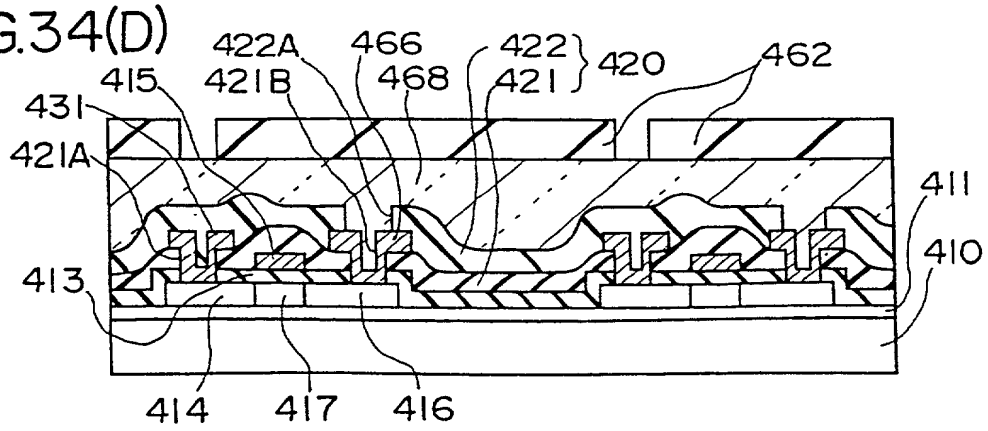


FIG. 35

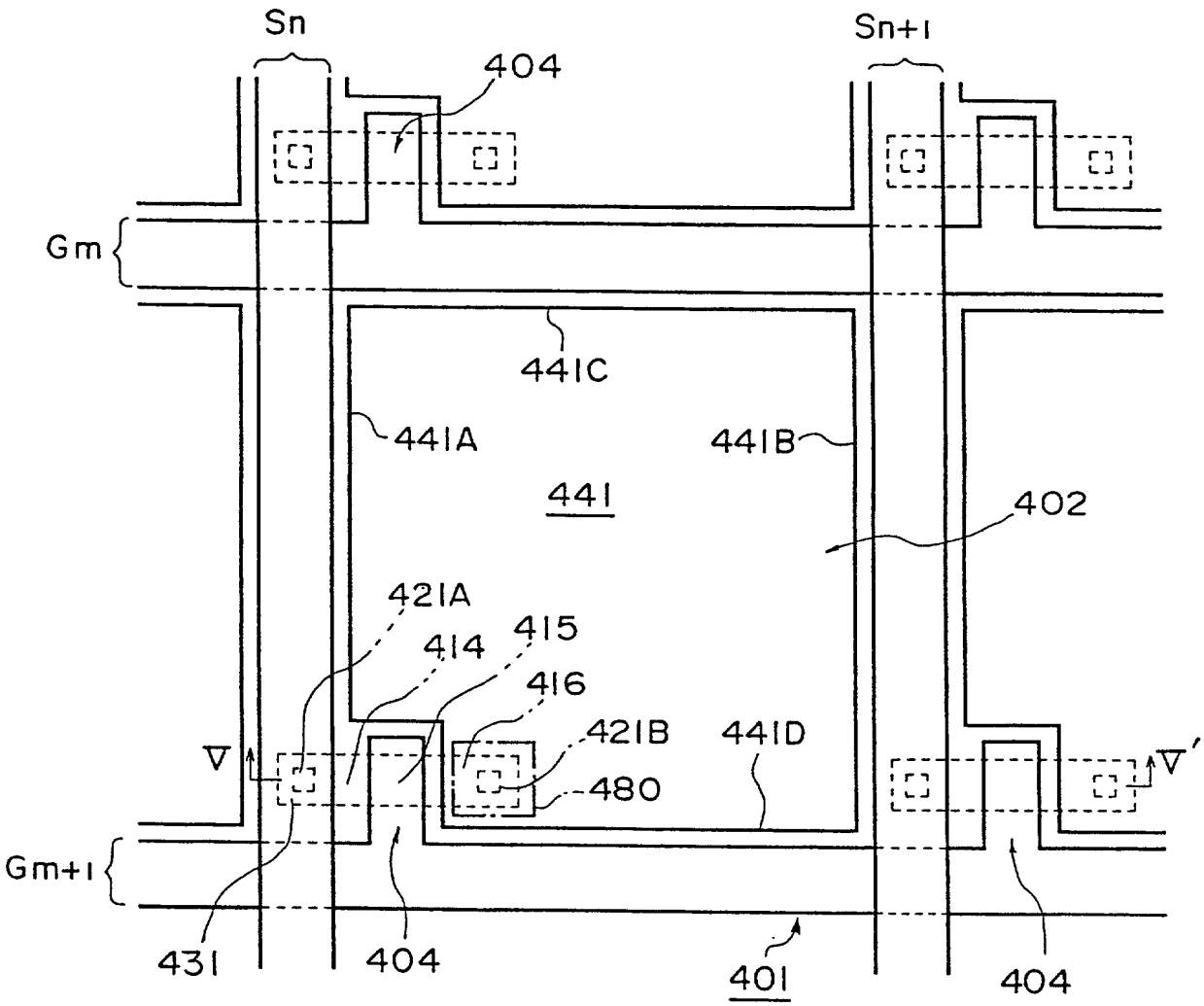

Sn
Sn+1
404
Gm
441C
441A
441B
441
402
421A
414
415
416
421B
441D
480
V
V'
Gm+1
431
404
401
404

FIG. 36

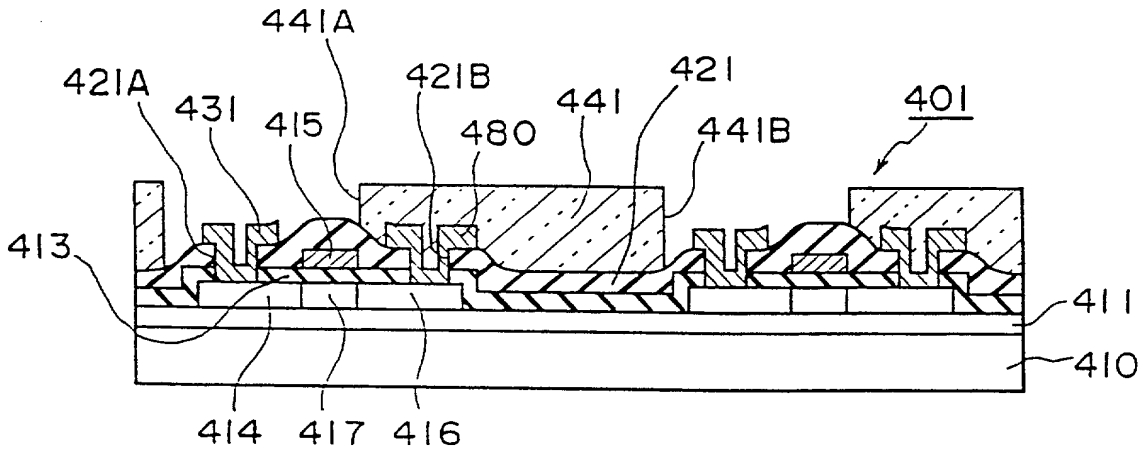

441A
421A
431
421B
415
480
441
421
441B
401
413
411
410
414
417
416

FIG.37(A)

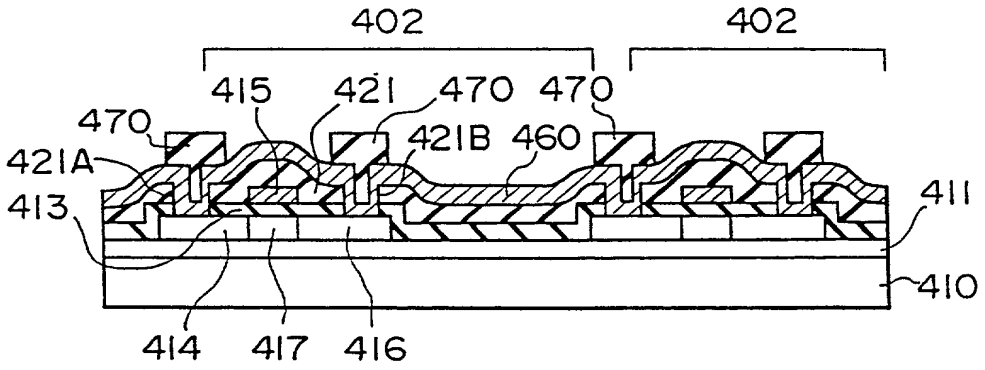


FIG.37(B)

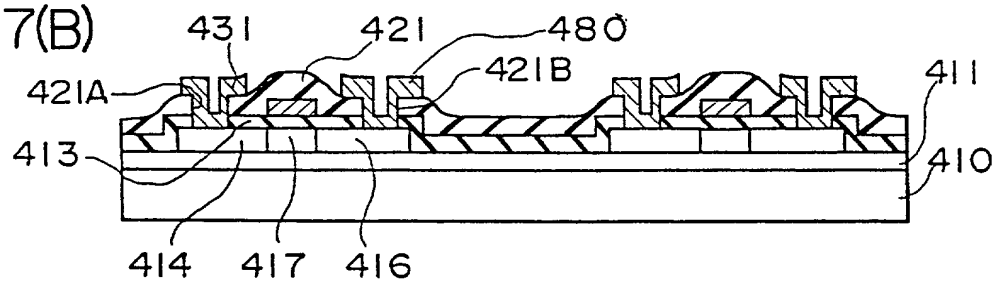


FIG.37(C)

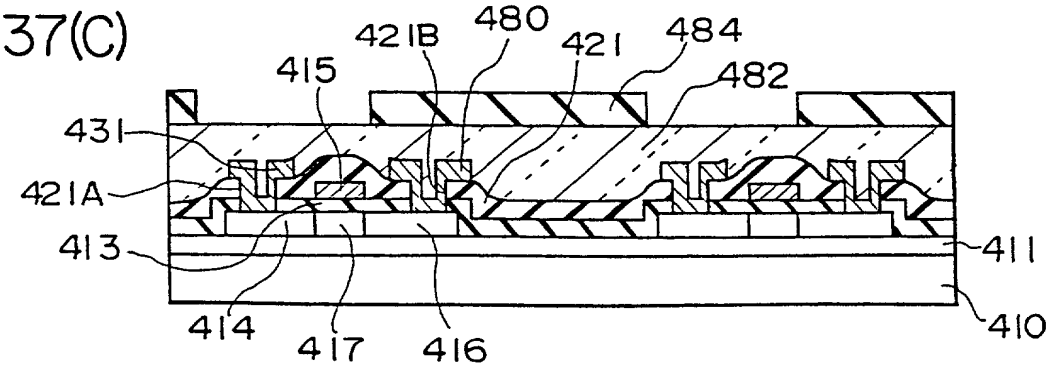


FIG.38(A)

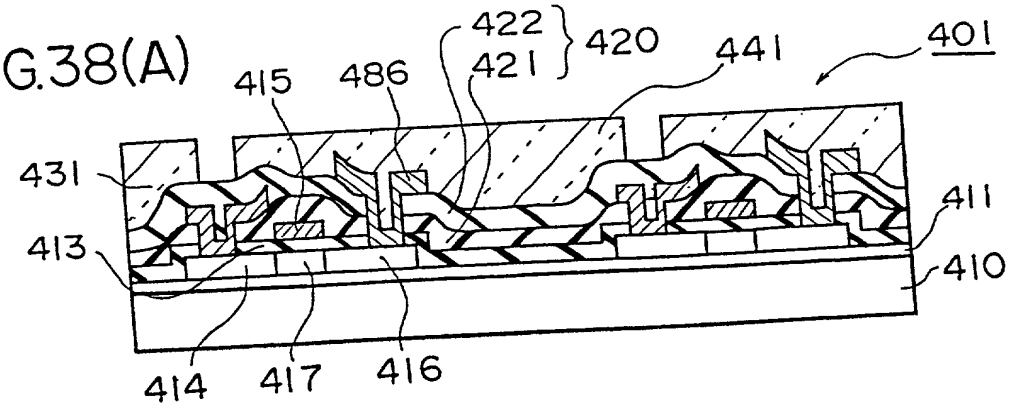


FIG.38(B)

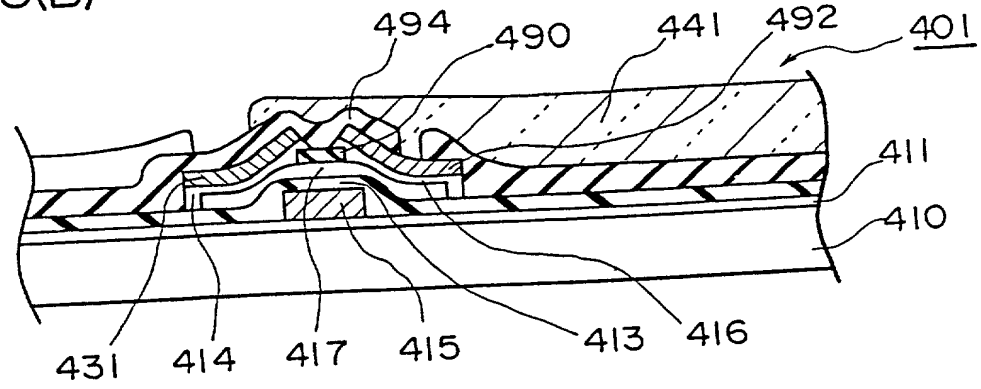


FIG.39(A)

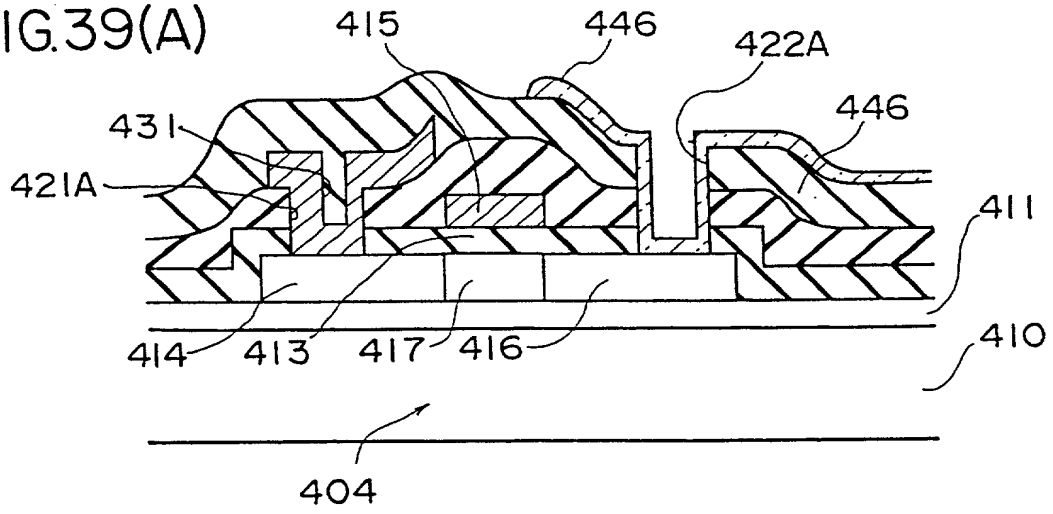


FIG.39(B)

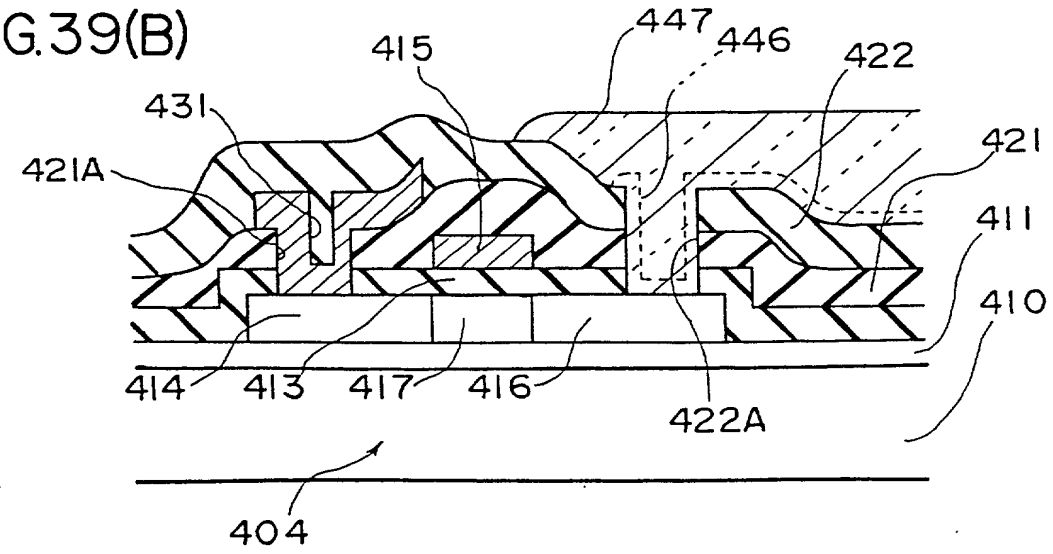
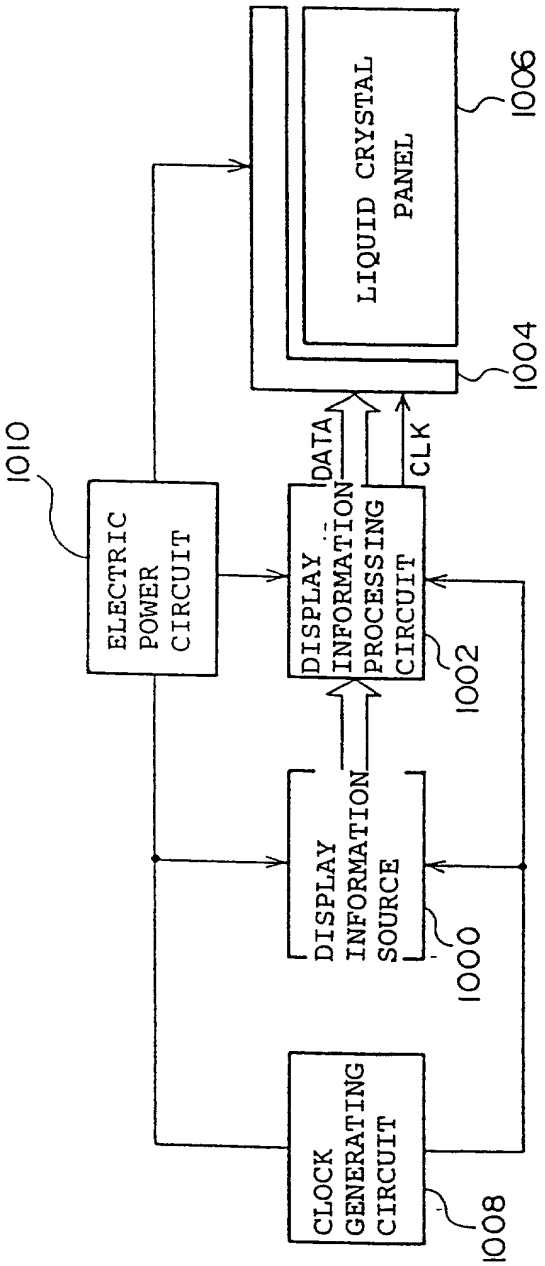


FIG. 40


LIQUID CRYSTAL PANEL
1006
1004
DATA
CLK
1010
ELECTRIC POWER CIRCUIT
DISPLAY INFORMATION PROCESSING CIRCUIT
1002
DISPLAY INFORMATION SOURCE
1000
CLOCK GENERATING CIRCUIT
1008

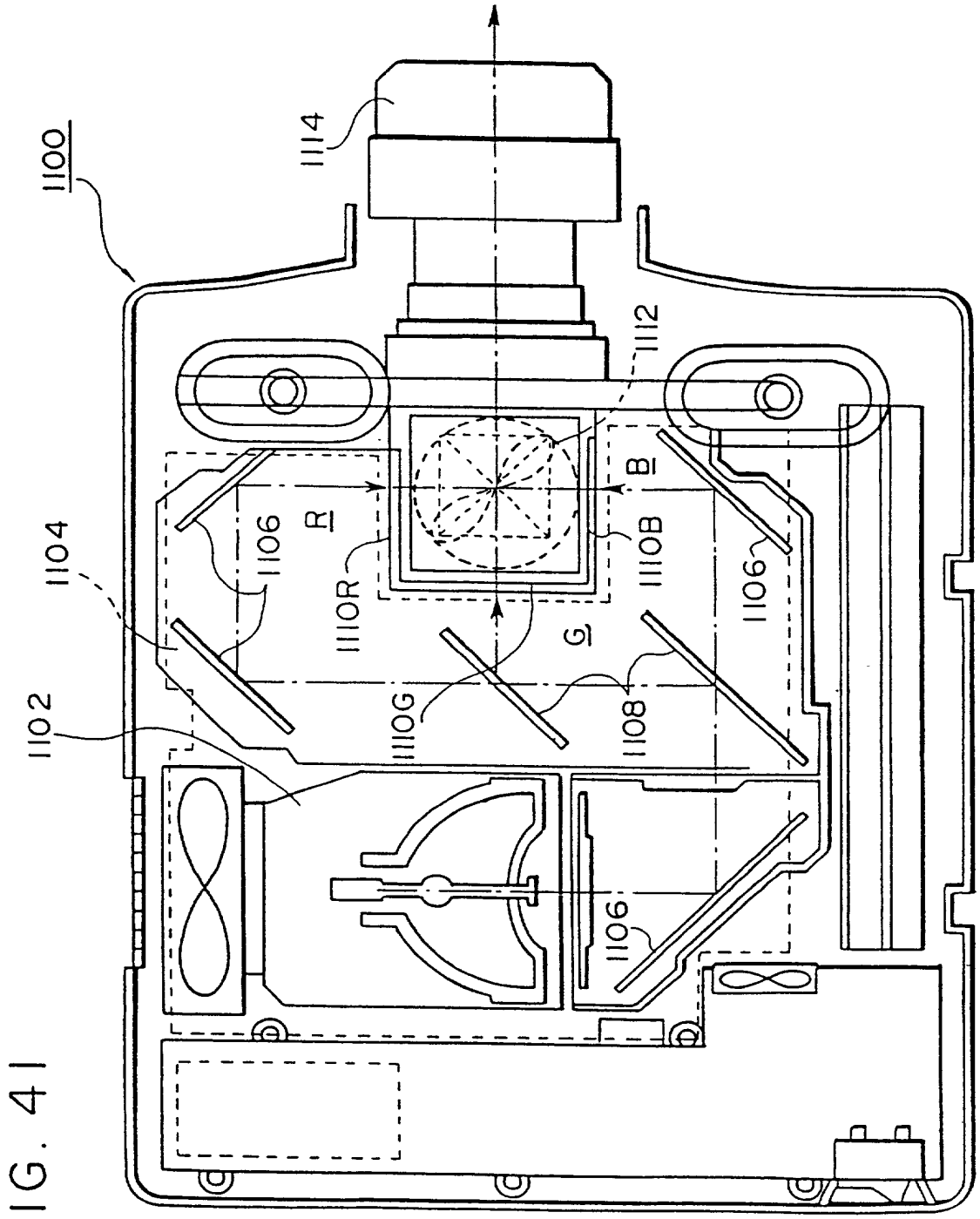

1100
1114
1112
1104
1106
R
1110R
B
1110B
1106
G
1110G
1102
1108
1106

FIG. 41

FIG. 42

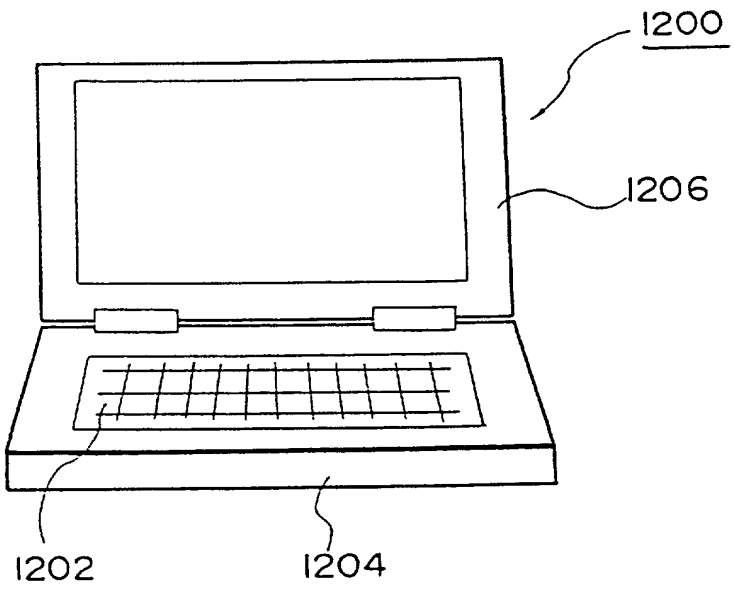


FIG. 43

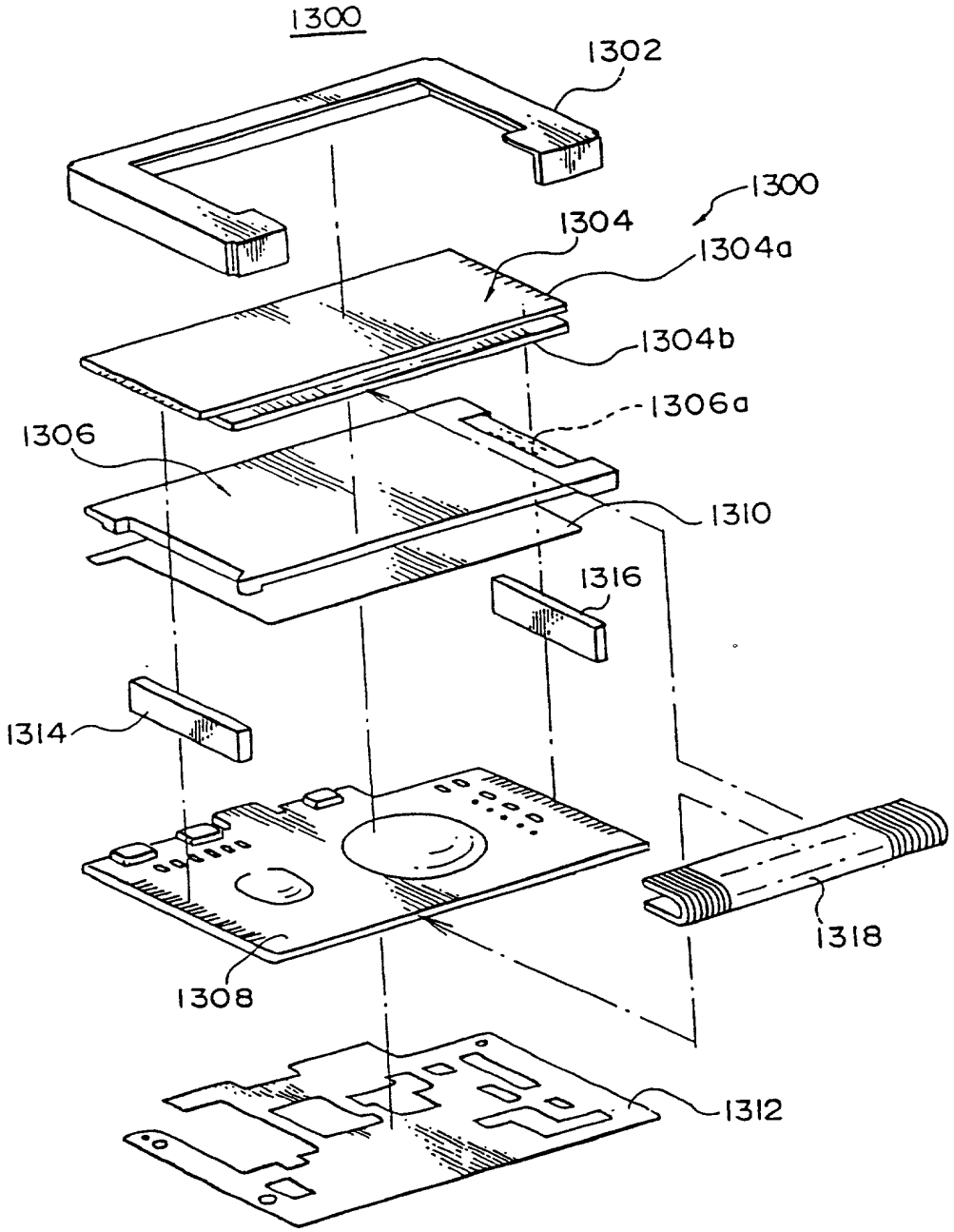

1300
1302
1300
1304
1304a
1304b
1306a
1306
1310
1316
1314
1318
1308
1312

FIG. 44